The official ECR 2008 Poster contains elements from Albrecht Dürer’s ‘Adam and Eve’ (1507).

The MR image of the apple was kindly provided by the University of Munich.
## Contents

### General Information
3 Welcome by the Congress President  
4 Facts & Figures  
5 ECR Invests in the Youth  
6 RTF – Radiology Trainees Forum  
7 CME at ECR 2008  
7 Create your Personal Schedule for ECR 2008!  
8 ESR e-Learning for Free  
9 IMAGINE at ECR 2008  

### Scientific Programme
10 Time Schedule  
12 ESR meets Germany, Israel, India and GPs  
13 New Horizons Sessions  
13 State-of-the-Art Symposia  
14 Special Focus Sessions  
16 Professional Challenges Sessions  

#### Categorical Courses:
17 MRI  
17 Breast: From Basics to Advanced Imaging  
18 Multidetector CT Made Easy  

#### Mini Courses:
19 Molecular Imaging  
19 Women’s Imaging: Female Pelvis  

#### Refresher Courses:
19 Abdominal and Gastrointestinal  
20 Breast  
20 Cardiac  
21 Chest  
21 Computer Applications  
22 Molecular Imaging and Contrast Media  
22 Genitourinary  
22 Head and Neck  
23 Interventional Radiology  
23 Musculoskeletal  
24 Neuro  
25 Pediatric  
25 Physics in Radiology  
26 EFOMP Workshop  
26 Radiographers  
27 Vascular  

#### E³ – European Excellence in Education:
27 Foundation Course: Interventional Radiology  
28 Interactive Teaching Course: Useful Signs in Imaging  
28 Interactive Teaching Sessions  
29 Breast Imaging  

#### Hands-on Workshops:
29 Image Interpretation Quizzes  
29 Hospital Manager Symposium  

#### 1st Workstation Face-Off Session:
33 1st Workstation Face-Off Session  
34 Satellite Symposia  
35 Industry Hands-on Workshops
ESR welcomes you to its annual meeting, the European Congress of Radiology 2008.
Dear colleagues,

Radiology, our discipline, is committed to innovations. These innovations concern not only radiological modalities and procedures, but also the way that conferences are organised and carried out.

The ECR is characterised by consistently developing new ideas and concepts, so that even those of us who attend the congress regularly tend to experience surprises. Such surprises can be found in the scientific and educational programme, as well as in the organisation and general atmosphere. This is ensured by the highly competent team in the ESR office and also by the constant evaluation of the feedback of our participants, which is always highly appreciated and is integrated into our programme planning, to improve our congress.

The quality of a congress is naturally determined by its speakers, and once again we will welcome many excellent scientists from all over the world, who will share their knowledge and expertise with us at ECR 2008. The interactive elements, which have been particularly well accepted in recent years, will be strengthened further. Categorical courses for MDCT, MRT and breast imaging will provide an excellent overview of especially important issues.

Our guest countries this year will be India, Israel and Germany, continuing the tradition of the ‘ESR meets’ programme, which has proved to be a very valuable feature. Our guest countries always make a special impression on the ECR, and a significant contribution to the open and lively atmosphere, adding to the cultural diversity represented here.

The participants of ECR seek to acquire a broad variety of knowledge and new skills. As in previous years, many different refresher courses, categorical courses, interactive sessions and foundation courses offer an abundance of opportunities relating to all radiological specialties and for every status of profession. The variety in the programme means that the difficulty is not in finding interesting lectures, but in choosing from such a rich selection.

The New Horizons and Special Focus Sessions, as well as the State-of-the-Art Symposia, are likely to attract particular interest, where topics will be covered which overlap the scientific borders within radiology as well as with other disciplines. Especially important issues will be highlighted concerning the future of health care, radiologists’ responsibilities to society, and the significance of radiology.

The foundation of the European Society of Radiology has provided radiology in Europe with a powerful and influential organisation. As such, the interests of our discipline can be represented to the European authorities even more effectively, and the basic conditions needed for the future development of radiology in Europe can be established. This also concerns the relationship of radiology with other medical disciplines, but not only or primarily in regard to potential conflicts. More than that, radiology must make efforts to be accepted as a clinical specialty and not only as a technical, supporting discipline.

However, we do not wish to only address the public and the political decision makers. Equally important is the perception of our colleagues from other disciplines. Therefore we will introduce a new format at ECR 2008: ‘ESR meets partner disciplines’, with the aim of stimulating contact with other specialties. The first encounter will be with General Medicine, and if this cooperation proves its value, other disciplines will follow in the coming years. The support and encouragement of our younger colleagues has long been an important issue for the ESR, and shall continue to be a priority. No less important is the discourse about how family life and a career in radiology can be combined, which is a vital requirement for a large group of excellent radiologists, our female colleagues, to remain working. In a special focus session, female radiologists will share their experiences and suggest some solutions to this problem.

We are sure that ECR 2008 will provide all participants with an interesting and exciting programme, and we look forward to welcoming you to Vienna!

Maximilian F. Reiser
Congress President
Facts & Figures

17,000 Participants
94 Countries
270 Scientific and Educational Sessions
1,700 Accepted Proffered Papers and Exhibits: rejection rate: 62 %
Fully Electronic Scientific Exhibition
Industrial Exhibition
more than 270 exhibitors
26,000 m²
Scientific and Educational Programme
3 Honorary Lectures
1 Inaugural Lecture
4 ESR meets Sessions
2 Image Interpretation Quizzes
3 New Horizons Sessions
3 State-of-the-Art Symposia
18 Special Focus Sessions
3 Professional Challenges Sessions
3 Categorical Courses (22 Sessions)
2 Mini Courses (5 Sessions)
75 Refresher Courses
1 Foundation Course on Interventional Radiology (6 Sessions)
9 Interactive Image Teaching Sessions
1 Interactive Teaching Course on Useful Signs in Imaging (5 Sessions)
1 Interactive Session on Breast Imaging
1 e-Learning Centre with Self Assessment Tests
1 RTF – Radiology Trainees Forum: Highlighted Lectures’ Session
4 Hands-on Workshops
1 EFOMP Workshop
1 Hospital Manager Symposium
1 Workstation Face-Off Session
22 Satellite Symposia & Industry Hands-on Workshops
Abstract Submission
July 5 – September 18, 2007
Notification of Acceptance
November 2007
Online Submission of Accepted Exhibits to EPOS™ (Electronic Presentation Online System)

Registration
Online Registration
October 1, 2007 – February 25, 2008
Early fee: October 1 – December 1, 2007
Late fee: December 2, 2007 – January 9, 2008
Onsite fee: from January 10, 2008
‘Participate from Home’ Registration Online:
November 1, 2007 – February 1, 2008
‘Invest in the Youth’ Support Programme Application
November 1, 2007 – February 1, 2008

Abstracts/Programme Planner Online
February 3, 2008
Online Submission of Presentations to EDIPS (ECR’s Digital Preview System)
From February 8, 2008
Congress Venue
Austria Center Vienna
Bruno Kreisky Platz 1
1220 Vienna, Austria
Congress Language
English

Onsite Opening Hours
Registration
Thursday, March 6: 09.00–19.00
Friday, March 7 to Saturday, March 8: 07.00–19.00
Sunday, March 9 to Monday, March 10: 07.00–18.00
Tuesday, March 11: 07.00–14.00
Preview Centre – EDIPS
Thursday, March 6: 12.00–19.00
Friday, March 7 to Monday, March 10: 07.00–19.00
Tuesday, March 11: 07.00–14.00
Scientific Exhibition – EPOS™
Friday, March 7 to Monday, March 10: 07.00–19.00
Tuesday, March 11: 07.00–14.00
Technical Exhibition
Friday, March 7: 14.00–18.00
Saturday, March 8 to Monday, March 10: 10.00–18.00
ECR Invests in the Youth

The programme ‘Invest in the Youth’ was called into life 4 years ago. It aims at enabling young radiologists and radiographers still in training to attend the congress in Vienna by reducing the costs.

The application for ‘Invest in the Youth’ for ECR 2008 will start on November 1, 2007. Free registration for the whole conference, 4 nights’ hotel accommodation, and free public transport for the duration of the congress will be granted to successful applicants. There will also be two familiar features designed to attract young colleagues: the onsite residents’ lounge and a captivating and relaxing evening event, organised specifically to meet the tastes of radiology’s youth.

The criteria for eligibility for the ‘Invest in the Youth’ programme are based on age and depend on the duration of the various national training schemes in radiology. Other than that, the offer is available on a first-come, first-served basis, but ECR retains the right to ensure a geopolitical spread.

Investing in the youth means investing in the future. ECR looks forward to welcoming Europe’s next generation of radiologists to Vienna in 2008!

If you have any questions please contact registration@myESR.org

‘Invest in the Youth’ Support Programme Application
November 1, 2007 – February 1, 2008

Radiology Trainees Forum

The Radiology Trainees Forum promotes and coordinates the efforts of radiology trainees at a European level in order to improve the progress of radiology and related sciences. Apart from that, one of RTF’s most important goals is to provide an equal level of radiological knowledge and skills for radiology trainees all over Europe.

The RTF Board cordially invites all trainees to attend RTF events at the upcoming ECR:

**Saturday, March 8, 16:00–17:30**

**RTF Highlighted Lectures**
Moderators: P.R. Kornaat; Leiden/NL
C. Nyheem; Newcastle upon Tyne/UK

- **Always hypertension? What else can be the cause of intracerebral hemorrhage**
  M. Forsting; Essen/DE

- **Vascular interventions today: Challenges and opportunities**
  J.A. Reekers; Amsterdam/NL

- **Pitfalls in trauma imaging**
  N. Raby; Glasgow/UK

**Saturday, March 8, 19:30**

**RTF Cocktail**
Location to be announced.
Admittance free for trainees. Registration required.

**Sunday, March 9, 16:30–18:00**

**RTF – General Assembly**

**Tuesday, March 11, 12:15–13:15**

**Junior Image Interpretation Quiz: Europe vs India**
Moderator: H.J. Michaely; Mannheim/DE

Visit us at the RTF booth!
Registration Information

Online registration:
October 1, 2007 – February 25, 2008
Early fee: October 1 – December 1, 2007
Late fee: December 2, 2007 – January 9, 2008
Onsite fee: from January 10, 2008

Participate from Home Registration Online:
November 1, 2007 – February 1, 2008

‘Invest in the Youth’ Support Programme Application:
November 1, 2007 – February 1, 2008

Registration Fees (incl. 20% VAT)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Fee Member</td>
<td>€ 300.–</td>
<td>€ 400.–</td>
<td>€ 500.–</td>
</tr>
<tr>
<td>Full Fee Non-Member</td>
<td>€ 420.–</td>
<td>€ 540.–</td>
<td>€ 650.–</td>
</tr>
<tr>
<td>Resident Member*</td>
<td>€ 150.–</td>
<td>€ 190.–</td>
<td>€ 260.–</td>
</tr>
<tr>
<td>Resident Non-Member*</td>
<td>€ 250.–</td>
<td>€ 310.–</td>
<td>€ 440.–</td>
</tr>
<tr>
<td>Radiographer*</td>
<td>€ 100.–</td>
<td>€ 140.–</td>
<td>€ 180.–</td>
</tr>
<tr>
<td>Hospital Manager*</td>
<td>€ 100.–</td>
<td>€ 140.–</td>
<td>€ 180.–</td>
</tr>
<tr>
<td>Student**</td>
<td>onsite only</td>
<td>onsite only</td>
<td>free</td>
</tr>
<tr>
<td>Present from Home</td>
<td>€ 120.–</td>
<td>€ 120.–</td>
<td>€ 120.–</td>
</tr>
<tr>
<td>– Radiographer**</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Member</td>
<td>€ 180.–</td>
<td>€ 180.–</td>
<td>€ 180.–</td>
</tr>
<tr>
<td>– Non Member</td>
<td>€ 300.–</td>
<td>€ 300.–</td>
<td>€ 300.–</td>
</tr>
<tr>
<td>Single Day Ticket</td>
<td>onsite only</td>
<td>onsite only</td>
<td></td>
</tr>
<tr>
<td></td>
<td>€ 235.–</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Half Day Ticket</td>
<td>onsite only</td>
<td>onsite only</td>
<td>€ 150.–</td>
</tr>
</tbody>
</table>

To qualify for the reduced member registration fees at ECR 2008, ESR membership fees for the year 2007 must have been settled by October 31, 2007. All other participants will have to register as non-members.

Residents have to send or fax a letter from their head of department confirming their status as resident within 5 days of completed online registration. In case this confirmation is not received, the registration fee will be automatically adjusted to a regular fee. The age limit for a registration as a Resident is set at 35 years (incl. the age of 35).

Radiographers, Present from Home – Radiographers or Hospital Managers have to send or fax a letter from their head of department confirming their status within 5 days of completed online registration. In case this confirmation is not received, the registration fee will be automatically adjusted to a regular fee.

Registration as Student
Registration as a Student has to be accompanied by a valid student ID in English.

Payment
Registration and/or ECR membership fees are to be paid in EURO:
- a) in cash
- b) by credit card (Visa or Eurocard/ Mastercard)
No cheques or bank transfer transaction slips will be accepted.

Name Changes
Name changes are not possible. New registration and payment is required.

Cancellation
ECR offers all pre-registered participants the possibility to take out a cancellation policy with our partner ‘Europäische Reiseversicherung’. Thus, ECR itself will not refund any registration fees. All requests have to be issued to the ‘Europäische Reiseversicherung’ directly. Refunds will be given according to the terms and conditions of the ‘Europäische Reiseversicherung’.

Registration Desk – Opening Hours

<table>
<thead>
<tr>
<th></th>
<th>Thursday, March 6</th>
<th>09:00 – 19:00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Friday, March 7</td>
<td>07:00 – 19:00</td>
</tr>
<tr>
<td></td>
<td>Saturday, March 8</td>
<td>07:00 – 19:00</td>
</tr>
<tr>
<td></td>
<td>Sunday, March 9</td>
<td>07:00 – 18:00</td>
</tr>
<tr>
<td></td>
<td>Monday, March 10</td>
<td>07:00 – 18:00</td>
</tr>
<tr>
<td></td>
<td>Tuesday, March 11</td>
<td>07:00 – 14:00</td>
</tr>
</tbody>
</table>

Badges
For organisational and security reasons, badges have to be worn at the congress venue. Access to the different areas will only be granted upon presentation of an adequate badge.

Please note that in order to obtain CME credits, it is mandatory to affix your PersonalID – formerly ECRID – stickers to the evaluation forms available in each scientific session, and to drop these into the dedicated boxes.

Lost Badge / Forgotten Badge
In the case of loss, a replacement badge will only be provided against full payment of the applicable on-site registration fee. Forgotten badges will be replaced against a deposit of the full onsite fee.

Confirmation of Payment and Attendance / CME Accreditation
Any congress-related confirmation will be available during and after the congress at the ESR website (myESR.org), in the MyUser Area (login with your last name and your PersonalID – formerly ECRID – as printed on your badge). Congress-related confirmations can be printed at the registration terminals, as well as at the CME info booth on the entrance level.

Please fax your confirmation(s) to: 0043-1-533-4064-444
CME at ECR 2008

General Information
Each ECR delegate receives a confirmation of the attended activities (CME confirmation – Record of attendance). The approximate maximum number of hours to attend at scientific activities is 40 (please note that this number differs from the maximum number of UEMS/EACCME credits).

Europe
The ECR – European Congress of Radiology 2008 is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The ECR 2008 is designated for a maximum of 27 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

European Accreditation is granted by the EACCME in order to allow participants to validate the credits obtained at this activity in their home European Country.

USA
The American Medical Association (AMA) has an agreement of mutual recognition of continuing medical education (CME) credit with the European Union of Medical Specialties (UEMS). Under the terms of this agreement, the AMA will convert CME credit certified by the European Accreditation Council for Continuing Medical Education (EACCME), the accrediting arm of the UEMS, to AMA PRA Category 1 Credit™. Physicians (MDs, DOs or equivalent international degree) may have their EACCME credit converted to AMA PRA Category 1 Credit™ by applying to the AMA.

For further information about the conversion of EACCME credits into AMA PRA Category 1 credits, please contact the AMA at pra@ama-assn.org or visit the AMA website at http://www.ama-assn.org

Worldwide
CME claimed at the ECR are accepted by almost all national CME authorities worldwide.

Austria
The ECR is an accredited CME provider of the Austrian Medical Chamber. The Austrian Medical Chamber has granted a maximum of 40 DFP (Diplom-Fortbildungs-Programm der Österreichischen Akademie der Ärzte) credits for ECR 2008.

Germany
Austrian CME credits (DFP-Punkte) earned during this meeting are recognized by all German Medical Chambers 1:1. The key for converting CME hours into DFP credits is as follows: DFP Credits = number of hours x 60 / 45.

CME Accreditation
Any congress-related confirmation will be available during and after the congress at the ESR website (myESR.org) in the MyUser Area (login with your last name and your PersonalID – former ECRiD – as printed on your badge).

Congress-related confirmations can be printed at the registration terminals as well as at the CME info booth on the entrance level.

Contact
ECR CME Support
Mr. Benjamin Ohr
Neutorgasse 9
1010 Vienna, Austria
E-mail: cme@myESR.org
Phone: (+43 1) 533 40 64-0
Fax: (+43 1) 533 40 64-448
Web: myESR.org ➔ ECR Congress ➔ CME

Create your Personal Schedule for ECR 2008!

From early February 2008 onwards, all ECR 2008 abstracts will be accessible online via the Scientific Programme Planner tool at http://myESR.org. This easy-to-use tool allows you to explore the entire scientific and educational programme by session types, topics and dates. You can also search for abstract texts, authors and abstract titles.

In addition, the system offers a user-friendly feature to help you create your personal time schedule for the forthcoming meeting, either for printout or upload to your PDA. It is easy to customise your schedule for ECR 2008!
e-ECR
Electronic European Congress of Radiology

ECR’s electronic congress tool eCR brings a selection of scientific highlights of ECR right to your home. View and listen to talks from ECR 2004, 2005, 2006 and 2007 as well as presentations from ESGAR and ESMRMB (in total over 300).

Experience
• ‘ECR meets’ Sessions
• Categorical Courses
• Foundation Courses
• Interactive Image Teaching Sessions
• Special Focus Sessions
• New Horizons Sessions
• Refresher Courses
• State-of-the-Art Symposia
• Image Interpretation Quizzes
• Junior Image Interpretation Quizzes
• Satellite Symposia
• Hospital Administrator Symposia Presentations

Search the database easily by topic, title or keywords. eCR holds something for everyone and can be accessed free of charge by ESR members.

eECR – Electronic European Congress of Radiology

EPOS
Electronic Presentation Online System

EPOS™ – Electronic Presentation Online System

EPOS™ – over 7,000 electronic presentations currently online!

Some years ago, ECR took a bold step and introduced an all-electronic scientific exhibition using EPOS™, the Electronic Presentation Online System, thus setting new standards in the medical meeting industry.

At ECR 2007, the electronic scientific exhibition continued its path of success under EPOS™. 827 scientific and educational exhibits, 11 presentations by invited lecturers and 92 paper presentations were displayed on 170 terminals.

Browse through more than 6,500 electronic exhibits from ECR 2003-2007 and from several subspecialty societies, including CIRSE, ESGAR, ESMRMB, ESCR, ESSR, and SIR.

The online EPOS™ database can be accessed free of charge by ESR members.

ePACS
PACS-supported radiological report training

ePACS – A New Method of Learning

Study images in DICOM, learn to diagnose and to report

Coordinates: D. Caramella; Pisa/IT
P. Pokieser; Vienna/AT

ESR will continue to advance ePACS for ECR 2008, as an e-learning tool for both novices and experts. Presented for the first time at ECR 2007, ePACS succeeded by providing courses in cardiac CT and breast imaging.

ePACS offers a new method of learning on the basis of original radiological reports, with either self directed or guided training in an emulated radiological working environment, using a modified web based PACS-system. Attendees will study images in DICOM quality, and will learn how to diagnose and draw up written results. At the end of each teaching file, an expert report will be provided. Participants will have the option to obtain a diploma by using the supplied self assessment module.

ePACS intends to support lectures and courses. The modified PACS-system allows participants to apply their new knowledge by diagnosing and reporting on original radiological examinations.
EDIPS – ECR Digital Preview System

EDIPS Download is part of ECR’s Digital Preview System. It enables you to download presentations from ECR 2006 and 2007 throughout the year. As an ESR member enjoy browsing for free through over 1,094 presentations covering a wide variety of radiological topics, and provided by the most esteemed scientists from all over the world.

EURORAD – Radiological Case Database

The largest peer-reviewed teaching database of radiology on the internet offers ESR members free access to a wealth of medical information and imaging data, whose accuracy and quality have been validated by some of the most experienced radiologists in Europe. EURORAD contains case reports for medical students (simple cases), residents in radiology (everyday cases) and senior radiologists (complex cases).

For easy retrieval of required cases, the website offers a new powerful search engine as well as multi-lingual navigation. EURORAD allows you to download, save, and print the cases as PDF documents, or e-mail them via the web-based e-mail client. All EURORAD cases are registered with a DOI (Digital Object Identifier), which makes all cases citable.

IMAGINE

IMAGINE at ECR 2008

Since 1999, eight high-tech specialty exhibits have underlined the status of the ECR as a leading conference of advanced technology in radiology. The success of the IMAGINE exhibition at ECR 2007 will be continued with IMAGINE 2008.

IMAGINE 2008 will feature ten research institutes, university groups and research departments of industrial companies, who will present novel and exciting technological developments in the field of diagnostic and interventional radiology. Focal areas of IMAGINE are quantitative image analysis, computer-aided diagnosis, interactive visualisation, image guided interventions and robotics, and computer-assisted training. IMAGINE 2008 will include novel developments in quantitative image analysis, integrated analysis and visualisation of multimodal imaging data, sophisticated modelling in pre-operative planning and intra-operative guidance, and more. IMAGINE is unique, in that it provides a platform to discuss the potential of these radiological techniques for the near future, with the people that are creating them.

This year, a special focus session will be dedicated to IMAGINE, entitled: ‘Novel image analysis and modelling techniques to improve diagnosis and therapy of cancer’, which will give attendees to the lectures a better insight into IMAGINE and will enable them to learn more about the technologies underlying advances in cancer diagnosis and therapy.

Be sure you don’t miss this session, which is scheduled for Saturday, March 8, 16.00–17.30, featuring speakers such as M. Brady, D.J. Hawkes, W.J. Niessen, A.R. Padhani, and H.-O. Peitgen.

Participating groups will be announced soon on our website myESR.org.
## Time Schedule

### Friday, March 7
- **ECR Opening Concert**
- **Inaugural Lecture**
- **Lifetime Achievement Award**
  - 17:45–19:15

### Time Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>New Horizons Session NH 1</td>
</tr>
<tr>
<td>08:30</td>
<td>Special Focus Session SF 1</td>
</tr>
<tr>
<td>09:00</td>
<td>Categorical Courses CC 116, CC 117</td>
</tr>
<tr>
<td>09:30</td>
<td>Mini Courses MC 125, MC 119</td>
</tr>
<tr>
<td>10:00</td>
<td>Refresher Courses E³ Sessions (100)</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td>E³ Session Hands-on Workshops Scientific Sessions (200)</td>
</tr>
</tbody>
</table>

### Saturday, March 8
- **New Horizons Session** NH 5
- **Special Focus Sessions** SF 5a, SF 5b
- **Categorical Courses** CC 516, CC 517, CC 518
- **Mini Course** MC 519
- **Refresher Courses** E³ Sessions Hands-on Workshop (500)

### Saturday, March 8
- **New Horizons Session** NH 5
- **Special Focus Sessions** SF 5a, SF 5b, SF 5c
- **Categorical Courses** CC 516, CC 517
- **Mini Course** MC 519
- **Refresher Courses** E³ Sessions Hands-on Workshop (500)

### Sunday, March 9
- **New Horizons Session** NH 9
- **Special Focus Sessions** SF 9a, SF 9b, SF 9c
- **Categorical Courses** CC 916, CC 917
- **Mini Course** MC 919
- **Refresher Courses** E³ Sessions Hands-on Workshop (500)

### Sunday, March 9
- **New Horizons Session** NH 9
- **Special Focus Sessions** SF 9a, SF 9b, SF 9c
- **Categorical Courses** CC 916, CC 917
- **Mini Course** MC 919
- **Refresher Courses** E³ Sessions Hands-on Workshop (500)

### Monday, March 10
- **Special Focus Session** SF 13
- **Professional Challenges Session** PC 13
- **Categorical Courses** CC 1316, CC 1317
- **Refresher Courses** E³ Session Hands-on Workshop (1300)

### Monday, March 10
- **Special Focus Sessions** SF 17a, SF 17b, SF 17c, SF 17d
- **Categorical Courses** CC 1716, CC 1718
- **Refresher Courses** E³ Session (1700)

### Tuesday, March 11
- **Special Focus Sessions** SF 17a, SF 17b, SF 17c, SF 17d
- **Categorical Courses** CC 1716, CC 1718
- **Refresher Courses** E³ Session (1700)

### Tuesday, March 11
- **E³ Session** Scientific Sessions (1800)
### Time Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td>12:30</td>
<td>Presentation of Honorary Members and Gold Medallist</td>
</tr>
<tr>
<td>14:00</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>14:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshop (3000)</td>
</tr>
<tr>
<td>15:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>16:00</td>
<td>State-of-the-Art Symposium</td>
</tr>
<tr>
<td>16:30</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>17:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>17:30</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Wilhelm Conrad Röntgen Honorary Lecture</td>
</tr>
<tr>
<td>12:30</td>
<td>E³ FC Self Assessment Test</td>
</tr>
<tr>
<td>13:00</td>
<td>Workstation Face-Off Session</td>
</tr>
<tr>
<td>13:30</td>
<td>Hospital Manager Symposium</td>
</tr>
<tr>
<td>14:00</td>
<td>GE Healthcare Symposium</td>
</tr>
<tr>
<td>14:30</td>
<td>Bracco Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>15:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>16:00</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>16:30</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>17:00</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>17:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Josef Lissner Honorary Lecture</td>
</tr>
<tr>
<td>12:30</td>
<td>GE Healthcare Symposium</td>
</tr>
<tr>
<td>13:00</td>
<td>Hitachi Symposium</td>
</tr>
<tr>
<td>13:30</td>
<td>Bracco Symposium</td>
</tr>
<tr>
<td>14:00</td>
<td>Philips Symposium</td>
</tr>
<tr>
<td>14:30</td>
<td>Image Interpretation Quiz</td>
</tr>
<tr>
<td>15:00</td>
<td>GE Healthcare Symposium</td>
</tr>
<tr>
<td>15:30</td>
<td>Guerbet Symposium</td>
</tr>
<tr>
<td>16:00</td>
<td>Hologic Symposium</td>
</tr>
<tr>
<td>16:30</td>
<td>Toshiba Symposium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Peter E. Peters Honorary Lecture</td>
</tr>
<tr>
<td>12:30</td>
<td>Toshiba Symposium</td>
</tr>
<tr>
<td>13:00</td>
<td>Guerbet Symposium</td>
</tr>
<tr>
<td>13:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>14:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>14:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>15:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>16:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>ESR meets India State-of-the-Art Symposium</td>
</tr>
<tr>
<td>12:30</td>
<td>SA 15 Special Focus Sessions</td>
</tr>
<tr>
<td>13:00</td>
<td>SF 15a, SF 15b Categorical Courses</td>
</tr>
<tr>
<td>13:30</td>
<td>CC 1517, CC 1518 Refresher Courses E³ Session Hands-on Workshop (1500)</td>
</tr>
<tr>
<td>14:00</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>14:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>15:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>16:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>16:30</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>ESR meets General Practitionians</td>
</tr>
<tr>
<td>12:30</td>
<td>Special Focus Sessions</td>
</tr>
<tr>
<td>13:00</td>
<td>SA 15 Special Focus Sessions</td>
</tr>
<tr>
<td>13:30</td>
<td>SF 6a, SF 6b Categorical Courses</td>
</tr>
<tr>
<td>14:00</td>
<td>CC 816, CC 817 Refresher Courses E³ Session (800)</td>
</tr>
<tr>
<td>14:30</td>
<td>RTF Highlighted Lectures</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>ESR meets India State-of-the-Art Symposium</td>
</tr>
<tr>
<td>12:30</td>
<td>SA 15 Special Focus Sessions</td>
</tr>
<tr>
<td>13:00</td>
<td>SF 15a, SF 15b Categorical Courses</td>
</tr>
<tr>
<td>13:30</td>
<td>CC 1517, CC 1518 Refresher Courses E³ Session Hands-on Workshop (1500)</td>
</tr>
<tr>
<td>14:00</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>14:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>15:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>16:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>16:30</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>RTF Highlighted Lectures</td>
</tr>
<tr>
<td>12:30</td>
<td>GE Healthcare Symposium</td>
</tr>
<tr>
<td>13:00</td>
<td>Guerbet Symposium</td>
</tr>
<tr>
<td>13:30</td>
<td>Hologic Symposium</td>
</tr>
<tr>
<td>14:00</td>
<td>Toshiba Symposium</td>
</tr>
<tr>
<td>14:30</td>
<td>State-of-the-Art Symposium</td>
</tr>
<tr>
<td>15:00</td>
<td>SA 12 Special Focus Session</td>
</tr>
<tr>
<td>15:30</td>
<td>SF 12 Professional Challenges Session</td>
</tr>
<tr>
<td>16:00</td>
<td>PC 12 Categorical Courses</td>
</tr>
<tr>
<td>16:30</td>
<td>CC 1216, CC 1217, CC 1218 Refresher Courses (1200)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Peter E. Peters Honorary Lecture</td>
</tr>
<tr>
<td>12:30</td>
<td>Toshiba Symposium</td>
</tr>
<tr>
<td>13:00</td>
<td>Guerbet Symposium</td>
</tr>
<tr>
<td>13:30</td>
<td>Junior Image Interpretation Quiz</td>
</tr>
<tr>
<td>14:00</td>
<td>Closing Ceremony</td>
</tr>
<tr>
<td>14:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>15:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>15:30</td>
<td>Bayer Schering Pharma Symposium</td>
</tr>
<tr>
<td>16:00</td>
<td>Siemens Symposium</td>
</tr>
<tr>
<td>16:30</td>
<td>E³ Session Scientific Sessions</td>
</tr>
<tr>
<td>17:00</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
<tr>
<td>17:30</td>
<td>E³ Session Scientific Sessions Hands-on Workshops (3000)</td>
</tr>
</tbody>
</table>
Following a well-liked tradition, ECR/ESR welcomes its ‘ESR meets’ guest countries for 2008 – namely Germany, Israel and India – for which there will be special scientific focus activities as listed below. In addition, ECR 2008 introduces a new feature, where there will also be special activities focussing on various partner disciplines, this year the General Practitioners, which will provide a platform to establish closer ties.

**ESR meets Germany**
*Saturday, March 8, 10:30–12:00*

**EM 1**  
**Computer aided diagnosis (CAD)**  
Presiding: A. Adam; London/UK  
M. Laniado; Dresden/DE  
M.F. Reiser; Munich/DE

- **Introduction**  
  M. Laniado; Dresden/DE
- **CAD in mammography**  
  U. Bick; Berlin/DE
- **CAD of the lungs: Pulmonary nodules and beyond**  
  H.-U. Kauczor; Heidelberg/DE
- **CAD in virtual colonography**  
  A.J. Aschoff; Ulm/DE
- **CAD of the liver: Imaging and intervention**  
  H.-O. Peitgen; Bremen/DE
- **Panel discussion**

**ESR meets India**
*Monday, March 10, 14:00–15:30*

**EM 4**  
**Tuberculosis**  
Presiding: A. Adam; London/UK  
N. Kulasekaran; Chennai/IN  
M.F. Reiser; Munich/DE

- **Introduction**  
  H. Satishchandra; Bangalore/IN
- **Unusual appearances of intracranial tubercular infection**  
  D.P. Patkar; Mumbai/IN
- **Spinal tuberculosis revisited**  
  R. Kapur; New Delhi/IN
- **Ultrasound features in peritoneal and intestinal tuberculosis**  
  S.S. Doda; New Delhi/IN
- **Chest tuberculosis: Atypical radiological appearances**  
  P.R. Kundur; Hyderabad/IN
- **Panel discussion**

**ESR meets Israel**
*Sunday, March 9, 10:30–12:00*

**EM 3**  
**Views and impressions from radiology in Israel**  
Presiding: A. Adam; London/UK  
M. Graif; Tel Aviv/IL  
M.F. Reiser; Munich/DE

- **Introduction**  
  M. Graif; Tel Aviv/IL
- **The hi-tech environment in Israel: Contribution of the radiological community to projects in medical imaging**  
  Y. Inbar; Tel Hashomer/IL  
  T. Gaspar; Haifa/IL
- **Patterns of CT utilisation in emergency medicine: From the single patient to mass casualties**  
  A. Blachar; Tel Aviv/IL  
  A. Engel; Haifa/IL
- **Large scale radiological projects and surveys: Local data and comparison with international database**  
  D. Shaham; Jerusalem/IL  
  J. Sosna; Jerusalem/IL
- **Panel discussion**

**ESR meets General Practitioners**
*Saturday, March 8, 16:00–17:30*

**EM 2**  
**Manifestations of atherosclerosis: A common challenge in diagnosis and treatment**  
Presiding: A. Adam; London/UK  
M.F. Reiser; Munich/DE  
I. Švab; Ljubljana/SI

- **Introduction**  
  M.F. Reiser; Munich/DE  
  I. Švab; Ljubljana/SI
- **Assessment of coronary artery disease**  
  General practitioner: C. Lionis; Iraklion/GR  
  Radiologist: N.R. Mollet; Rotterdam/NL
- **Patients with peripheral arterial obstructive disease (PAOD) in primary care**  
  General practitioner: M. Maier; Vienna/AT  
  Radiologist: M. Treitl; Munich/DE
- **Panel discussion**
New Horizons Sessions

Friday, March 7, 08:30–10:00

**NH 1** MR diffusion and perfusion: Can they replace PET?
- Chairman's introduction
  M. Essig; Heidelberg/DE
- PET and PET/CT in oncological imaging
  H.C. Steinert; Zurich/CH
- Diffusion weighted imaging in the assessment of lymph node metastases
  A. Herneth; Vienna/AT
- Perfusion imaging in the assessment of response to anticancer therapy
  F. Berger; Munich/DE
- Quantification strategies for perfusion and diffusion MRI
  B. Stieltjes; Heidelberg/DE
- Panel discussion: How and when to use MRI instead of PET

Saturday, March 8, 08:30–10:00

**NH 5** The further minimisation of minimally invasive therapy
- Chairman’s introduction
  A. Adam; London/UK
- MR-guided focussed ultrasound therapy
  W.M. Gedroyc; London/UK
- Interventional radiology in drug delivery and gene therapy
  B.J. Wood; Bethesda, MD/US
- Cyberknife: Its potential and its interaction with radiology
  A. Muacevic; Munich/DE
- Panel discussion

Sunday, March 9, 08:30–10:00

**NH 9** Above 3T: Clinical tool or toys for the boys?
- Chairman’s introduction
  D.G. Norris; Nijmegen/NL
- New perspectives on extremely high field applications
  J. Hennig; Freiburg/DE
- Neuroimaging: Potential clinical benefits
  D.P. Auer; Nottingham/UK
- Whole body imaging: A challenge apart
  M. Ladd; Essen/DE
- Panel discussion: Acquiring a 7T system: Are there short term gains or is this a long term investment?

State-of-the-Art Symposia

Friday, March 7, 16:00–17:30

**SA 4** The radiologist as the therapist in liver tumors
- Chairman's introduction
  R. Lencioni; Pisa/IT
- Transarterial chemoembolisation
  T.F. Jakobs; Munich/DE
- Selective internal radiation therapy
  J.-I. Bilbao Jaureguiar; Pamplona/ES
- Radiofrequency ablation and combination therapies
  R. Lencioni; Pisa/IT
- Panel discussion: Can interventional radiology replace surgery?

Sunday, March 9, 16:00–17:30

**SA 12** Coronary CTA comes of age: Technical advances, decision modeling and cost effectiveness
- Chairman’s introduction
  G.P. Krestin; Rotterdam/NL
- What's new in coronary CTA technology
  S. Leschka; Zurich/CH
- Clinical selection of patients for coronary CTA
  S. Achenbach; Erlangen/DE
- Economical impact of coronary CTA on patient management
  M.G.M. Hunink; Rotterdam/NL
- Panel discussion: Who should get a coronary CTA?

Monday, March 10, 14:00–15:30

**SA 15** Small bowel: Old problems, new tricks
- Chairman’s introduction
  Y. Menu; Le Kremlin-Bicêtre/FR
- Computed tomography: The heavy worker
  G.A. Rollandi; Genoa/IT
- Magnetic resonance: The ultimate?
  N. Gourtsoyiannis; Iraklion/GR
- Videocapsule and ultrasound: A complementary approach
  J.-M. Bruel; Montpellier/FR
- Epilogue
Special Focus Sessions

**Friday, March 7, 08:30–10:00**

**SF 1** Uterine fibroid embolisation – the case for and against: Gynecologist, radiologist, patient
- **Chairman’s introduction**
  A. Nicholson; Leeds/UK
- **Clinical aspects and treatment options in uterine fibroids**
  W.M. Ankum; Amsterdam/NL
- **Technique and results**
  J.-P. Pelage; Boulogne/FR
- **Fibroid disease from a patient perspective**
  V. Norton; Bremen/DE
- **Panel discussion: How will we be treating fibroids in ten years?**

**Friday, March 7, 16:00–17:30**

**SF 4** Dual source CT/dual energy CT: Doubly informative?
- **Chairman’s introduction**
  W.A. Kalender; Erlangen/DE
- **Technical considerations**
  W.A. Kalender; Erlangen/DE
- **Current applications**
  T.R. Johnson; Munich/DE
- **Future applications**
  I. Vlahos; New York, NY/US
- **Panel discussion: How much more information do we get?**

**Saturday, March 8, 08:30–10:00**

**SF 5a** Nephrogenic systemic fibrosis: Current situation and future direction
- **Chairman’s introduction**
  B. Hamm; Berlin/DE
- **What is it, and where does it come from?**
  S.E. Cowper; New Haven, CT/US
- **Fundamental mechanisms and their implications on clinical practice**
  P. Persson; Berlin/DE
- **Clinical prevalence and risk factors**
  H.S. Thomsen; Herlev/DK
- **How to avoid NSF in the future**
  S.K. Morcos; Sheffield/UK
- **Panel discussion: Future aspects**

**SF 5b** Comprehensive evaluation of the heart
- **Chairman’s introduction**
  B. Marincek; Zurich/CH
- **What does MDCT offer?**
  H. Alkadhi; Zurich/CH
- **What does MRI offer?**
  M. Gutberlet; Berlin/DE
- **Integrating MDCT and MRI in the work-up of heart disease**
  V.E. Sintsyn; Moscow/RU
- **Panel discussion: One-stop shopping with cardiac imaging: CT or MRI?**

**Saturday, March 8, 16:00–17:30**

**SF 8a** Fat radiology: Imaging in obesity and metabolic syndrome
- **Chairman’s introduction**
  W. Torreggiani; Dublin/IE
- **The implications of obese patients for radiologists and clinicians**
  O. Buckley; Dublin/IE
- **Optimising imaging obese patients**
  A.G. Ryan; Waterford City/IE
- **Imaging of morbid obesity procedures and their complications**
  S.W. Trenkner; Rochester, MN/US
- **Panel discussion: Are we doing enough to optimise imaging of the obese patient?**

**SF 8b** Novel image analysis and modelling techniques to improve diagnosis and therapy of cancer
- **Chairman’s introduction**
  W.J. Niessen; Rotterdam/NL
- **Tumor response imaging biomarkers: A practical framework for development**
  A.R. Padhani; Northwood/UK
- **Cutting the errors in evaluating the response to treatment in solid tumor**
  H.-O. Peitgen; Bremen/DE
- **Oncological image analysis: Medical and molecular imaging**
  M. Brady; Oxford/UK
- **Panel discussion: Can new technology cut errors in cancer diagnosis and treatment?**

**Sunday, March 9, 08:30–10:00**

**SF 9a** Cardiothoracic CT: One test solves all
- **Chairman’s introduction**
  M. Rémy-Jardin; Lille/FR
- **Examination techniques**
  K. Nikolaou; Munich/DE
- **Should chest radiologists look at the heart?**
  P.A. Grenier; Paris/FR
- **Acute chest pain**
  C.S. White; Baltimore, MD/US
- **Panel discussion: ECG-gated CT angiography of the chest: An alternative or a complementary scanning protocol for chest diseases?**
Sunday, March 9, 08:30–10:00
SF 9b Hybrid imaging: PET/CT, SPECT/CT, PET/MRI ..., where next?
• Chairman’s introduction
  A. Bischof Delaloye; Lausanne/CH
• PET/CT: Trends and future developments
  L. Haagard; Copenhagen/DK
• SPECT/CT: The new workhorse?
  T. Kuwert; Erlangen/DE
• PET/MRI: The next racehorse?
  R. Krieg; Erlangen/DE
• Panel discussion: Is there a real need for more than PET/CT? Has PET(SPECT)/MRI the potential to ultimately replace PET-SPECT/CT?

SF 9c Imaging your youngest patients: Fetal MRI
• Chairman’s introduction
  T.A.G.M. Huisman; Zurich/CH
• Patient preparation and MRI technique
  D. Prayer; Vienna/AT
• Central nervous system
  T.A.G.M. Huisman; Zurich/CH
• Thorax
  M. Hörmann; Vienna/AT
• Abdomen
  F.E. Avni; Brussels/BE
• Panel discussion: Does fetal MRI change pre-, peri- or postnatal management?

SF 10a Advanced imaging of the brain
• Chairman’s introduction
  F. Duckers; Antwerp/BE
• New concepts in diffusion and perfusion imaging
  M. Nagel; Munich/DE
• Neuronal function and connectivity using fMRI
  J. Botezatu; Manchester/UK
• Functional connectivity of the brain using rs-fMRI
  K. Riera; Tarragona/ES
• Panel discussion: The role of structural and functional imaging in the diagnosis of Alzheimer’s disease

Sunday, March 9, 16:00–17:30
SF 12 Whole body MR imaging: Valuable screening or life style choice for the worried rich?
• Chairman’s introduction
  A.K. Dixon; Cambridge/UK
• Methods and results
  S.C. Ladd; Essen/DE
• Cost effectiveness
  S.J. Eustace; Dublin/IE
• Ethical implications
  S. Reiter-Theil; Basle/CH
• Panel discussion: Would members of this audience buy a whole body MR scan on their 50th birthday?

Monday, March 10, 08:30–10:00
SF 13 The radiologist in image guided surgery: Just a tour guide?
• Chairman’s introduction
  C. Bartolozzi; Pisa/IT
• Intraoperative navigation using radiological data and software support
  N. Navab; Munich/DE
• Intraoperative imaging: Who carries it out?
  H. Hricak; New York, NY/US
• Radiology and surgery: A new integrated training environment
  D. Caramella; Pisa/IT
• Panel discussion: Imaging and interventions: The need for a new kind of radiologist

Monday, March 10, 14:00–15:30
SF 15a Frontiers in liver imaging
• Chairman’s introduction
  E.J. Rummeny; Munich/DE
• Optimising MDCT for the detection and characterisation of liver tumors
  F. Casadeo-Alves; Coimbra/PT
• Maximising the accuracy of MRI for the detection and characterisation of liver tumors
  J. Gaa; Munich/DE
• The role of contrast agents in liver MRI
  R.J.A. Robinson; Leeds/UK
• Why liver tumors appear as they do? Imaging-pathologic correlation
  R. Ros; Barcelona/ES
• Panel discussion: When to use CT and when MR imaging for the diagnostic work up in patients with suspected liver tumors and what are the advantages and limitations of the use of liver specific MR contrast agents?

SF 15b Advances in tumor ablation
• Chairman’s introduction
  A. Gangi; Strasbourg/FR
• Should thermal ablation replace partial nephrectomy?
  P.R. Mueller; Boston, MA/US
• Percutaneous cryotherapy: When should it be preferred to radiofrequency?
  X. Buy; Strasbourg/FR
• High frequency focused ultrasound: Is it a real clinical tool?
  G. ter Haar; Sutton/UK
• Panel discussion

Monday, March 10, 16:00–17:30
SF 16a Emergency imaging: Avoiding serious mistakes!
• Chairman’s introduction
  R.F. Dondelinger; Liège/BE
• Central nervous system
  D. Balériaux; Paris/FR
• Chest
  C. Beigelman-Aubry; Paris/FR
• Abdomen
  A.H. Freeman; Cambridge/UK
• Musculoskeletal
  K. Bohndorf; Augsburg/DE
• Panel discussion
Monday, March 10, 16:00–17:30
SF 16b Molecular imaging
In cooperation with the European Association of Nuclear Medicine

- Chairman’s introduction
  F. Berger; Munich/D
  U. Haberkorn; Heidelberg/DE

Angiogenesis
- Imaging of angiogenesis with MRI
  M. Neeman; Rehovot/IL

- Imaging of angiogenesis using radiolabelled peptides
  R. Haubner; Innsbruck/AT

Tracking stem cells
- Tracking of stem cells by radioisotopes
  P.-Y. Marie; Vandoeuvre-lès-Nancy/FR

- Following stem cells by MRI
  P. Jandelova; Prague/CZ

- Panel discussion

Tuesday, March 11, 08:30–10:00
SF 17a CT and MR urography: Is intravenous urography dead?

- Chairman’s introduction
  A.J. van der Molen; Leiden/NL

- CT urography
  N.C. Cowan; Oxford/UK

- MR urography
  C.C.A. Nolte-Ernsting; Hamburg/DE

- Cost-effectiveness of CTU vs MRU vs IVU
  H.S. Thomsen; Herlev/DK

- Panel discussion: Is intravenous urography really dead?

Tuesday, March 11, 08:30–10:00
SF 17b New radiation risk estimation: Can we relax?

- Chairman’s introduction
  J. Damilakis; Iraklion/GR

- Does the ever increasing exposure of patients in diagnostic radiology really pose a problem?
  G. Brix; Neuerberg/DE

- Appropriate use of a modality with high diagnostic accuracy and high radiation exposure: Multidetector CT
  J.R. Mayo; Vancouver, BC/CA

- Radiation protection, ethics, law and public awareness: In harmony or out of tune?
  J. Malone; Dublin/IE

- Panel discussion: Diagnostic X-rays and radiation risk assessment: Facts and controversies

SF 17c The upcoming ‘geriatric tsunami’ and its consequences to imaging services

- Chairman’s introduction
  F. Laerum; Oslo/NO

- Mobile, digital X-ray services for nursing homes
  J.C. Hellund; Oslo/NO

- Imaging and the increasing incidence of cancer in geriatric populations
  O. Ekberg; Malmö/SE

- Stroke
  J. Schenkel; Munich/DE

- Dementia
  D.J. Brooks; London/UK

- Panel discussion: The elderly population: Special radiological needs and demands

Professional Challenges Sessions
Sunday, March 9, 16:00–17:30
PC 12 Teleradiology: Film reading at the sea side?

- Chairman’s introduction
  L. Donoso; Sabadell/ES

- Quality standards
  J. Reponen; Raahe/FI

- Opportunities and risks
  J. Størmer; Tromsø/NO

- Provider’s point of view
  F.H. Barneveld Binkhuysen; Soest/NL

- Professional issues and international guidelines
  I.W. McCall; Oswestry/UK

- Panel discussion: Is teleradiology good for our health?

Monday, March 10, 08:30–10:00
PC 13 Capturing the market: How quality helps

- Chairman’s introduction
  C.J. Herold; Vienna/AT

- A look at the market: Which factors make a radiology practice thrive?
  J.H. Thrall; Boston, MA/US

- Quality as a success factor
  J.E. Husband; London/UK

- Setting up a quality management, risk management and patient safety programme: Practical tips
  M. Breitenseher; Horn/AT

- Panel discussion (with devil’s advocate)
Monday, March 10, 16:00–17:30
PC 16  Women in radiology: How to maximise their input
- Chairman’s introduction
  H.M.L. Carty; Liverpool/UK
- Life as a radiologist, before and after children
  B. Ertl-Wagner; Munich/DE
- Eastern Europe: Are the issues the same?
  K. Gruszczynska; Katowice/PL
- Can you be a good parent and a good academic radiologist?
  I.M. Björkman-Burtscher; Lund/SE
- Family friendly work patterns: How to integrate them in radiology departments
  C. Roche; Galway/IE
- Panel discussion: Surviving parenthood and radiology. Having it all. Doing it all. Missing it all?

Categorical Course:
MRI
Friday, March 7, 08:30–10:00
CC 116  MR techniques: From basic to advanced
Moderator: D. Weishaupt; Zurich/CH
- A. MRI physics explained by a clinical radiologist
  W. Kucharczyk; Toronto, ON/CA
- B. Scanner and pulse sequences: Towards higher robustness in clinical routine
  J. Hennig; Freiburg/DE

Saturday, March 8, 08:30–10:00
CC 516  Neuro: The brain as the centre of the world
Moderator: O. Flodmark; Stockholm/SE
- A. Stroke
  M.A. van Buchem; Leiden/NL
- B. Tumors
  N. Colombo; Milan/IT
- C. Infections
  C.F. Andreula; Bari/IT

Saturday, March 8, 16:00–17:30
CC 816  Musculoskeletal: A step-by-step approach
Moderator: M. Zanetti; Zurich/CH
- A. Trauma
  C. Glaser; Munich/DE
- B. Neoplasms
  A.M. Davies; Birmingham/UK
- C. Inflammatory and infectious diseases
  V.N. Cassar-Pullicino; Oswestry/UK

Sunday, March 9, 08:30–10:00
CC 916  Neuro: Conquering important territories
Moderator: D. Goldsher; Haifa/IL
- A. Spine: Degenerative disc disease
  M. Gallucci; L’Aquila/IT
- B. Demyelinating diseases and myelopathy
  V. Dousset; Bordeaux/FR
- C. Trauma and hemorrhage
  M. Staggs; Poznan/PL

Sunday, March 9, 16:00–17:30
CC 1216  Vascular: From head to toe
Moderator: J.F.M. Meaney; Dublin/IE
- A. Atherosclerosis
  H.J. Michael; Mannheim/DE
- B. Non-atherosclerotic arterial disease
  T. Leiner; Maastricht/NL
- C. Venous disease
  M. Aschauer; Graz/AT

Monday, March 10, 08:30–10:00
CC 1316  Abdomen: Is MRI the ultimate tool?
Moderator: G. Brown; Sutton/UK
- A. Liver
  L. Marti-Bonmati; Valencia/ES
- B. Pancreas
  C. Matos; Brussels/BE
- C. Small and large bowel
  K.A. Herrmann; Munich/DE

Monday, March 10, 16:00–17:30
CC 1616  Cardiac MRI: An affair of the heart
Moderator: V.E. Sinitsyn; Moscow/RU
- A. Ischemic disease
  A. de Roos; Leiden/NL
- B. Non-ischemic diseases: Does MRI see them all?
  J. Bogaert; Leuven/BE
- C. Congenital disease
  J. Bremerich; Basle/CH

Tuesday, March 11, 08:30–10:00
CC 1716  The future is now!
Moderator: L. Østergaard; Århus/DK
- A. Faster! Accelerated MRI with parallel imaging
  B.J. Wintersperger; Munich/DE
- B. Larger! Whole-body MRI: From morphology to disease
  H. Ahlstrom; Uppsala/SE
- C. Better! Diffusion weighted MRI and MR-PETography
  T. La Folie; Marseille/FR

Categorical Course:
Breast: From Basics to Advanced Imaging
Friday, March 7, 16:00–17:30
CC 418  From pathology to breast imaging: Radiologic-pathologic correlations
Moderator: C. El Khoury; Paris/FR
- A. Benign masses and invasive carcinomas
  T. Tot; Falun/SE
- B. Benign and malignant calcifications
  D. Pavier; Brussels/BE

Saturday, March 8, 08:30–10:00
CC 518  Breast lesions at mammography: How to characterise?
Moderator: A. Fausto; Milan/IT
- A. Mass, focal asymmetry and architectural distortion
  M. Michell; London/UK
- B. Clustered microcalcifications
  G. Forrai; Budapest/HU
Sunday, March 9, 16:00–17:30
CC 1218 Characterisation of breast lesions by US and MRI
Moderator: E. Azavedo; Stockholm/SE
• A. Breast lesions detected by US
  M. Locatelli; Gorizia/IT
• B. Breast lesions detected by MRI
  K. Kinkel; Chêne-Bougeries/CH

Monday, March 10, 14:00–15:30
CC 1518 Interventional procedures
Moderator: D. Flöry; Vienna/AT
• A. Mammography guidance
  C. Del Frate; Udine/IT
• B. US guidance
  J. Camps-Herrero; Valencia/ES
• C. MR guidance
  J. Veltman; Nijmegen/NL

Monday, March 10, 16:00–17:30
CC 1618 Advanced imaging: Full-field digital mammography (FFDM)/MRI
Moderator: N. Karssemeijer; Nijmegen/NL
• A. FFDM = CAD, angio-mammography
  C. Dromain; Villejuif/FR
• B. FFDM = Tomosynthesis
  R.A. Jong; Toronto, ON/CA
• C. MRI: MR techniques for optimal diagnostic accuracy
  C.K. Kuhl; Bonn/DE

Tuesday, March 11, 08:30–10:00
CC 1718 Advanced imaging
Moderator: L.S. Fournier; Paris/FR
• A. PET imaging
  P. Rigo; Monaco/MC
• B. Optical imaging
  C. Bremer; Münster/DE
• C. Functional imaging: MR spectroscopy and beyond
  T.H. Helbich; Toronto, ON/CA

Categorical Course:
Multidetector CT Made Easy
Friday, March 7, 08:30–10:00
CC 117 MDCT implementation: Making the best of the technology race
Moderator: M. Kachelrieß; Erlangen/DE
• A. The choice of scanner: A strategic decision
  M. Prokop; Utrecht/NL
• B. Injecting contrast with ever faster scanners
  D. Fleischmann; Stanford, CA/US
• C. How to justify and reduce the dose
  A.J. van der Molen; Leiden/NL

Friday, March 7, 16:00–17:30
CC 417 The heart: A newly found land
Moderator: D.N. Exarhos; Athens/GR
• A. Cardiac CT: Protocols and anatomy
  F. Cademartiri; Rotterdam/NL
• B. The coronary arteries: MDCT as the new standard?
  C.R. Becker; Munich/DE
• C. Beyond the coronaries
  H. Alkadhi; Zurich/CH

Saturday, March 8, 08:30–10:00
CC 517 The guts: Growing opportunities
Moderator: J. Puig Domingo; Sabadell/ES
• A. Small bowel CT: Try it, you’ll like it!
  P. Rogalla; Berlin/DE
• B. Bowel emergencies: The basic tool
  J. Stoker; Amsterdam/NL
• C. Colon and rectum: Not only colonography
  A. Ligli; Latina/IT

Saturday, March 8, 16:00–17:30
CC 817 The chest: A high resolution country
Moderator: Y. Pallardó; Valencia/ES
• A. Submillimetric imaging of lung parenchyma
  J.A. Verschakelen; Leuven/BE
• B. Lung cancer screening: The new challenges
  T.E. Hartman; Rochester, MN/US
• C. Functional insights into lung and airways diseases using CT
  P.A. Grenier; Paris/FR

Sunday, March 9, 08:30–10:00
CC 917 Bones and joints: CT is still alive!
Moderator: G.B. Adam; Hamburg/DE
• A. The spine: Yalta CT/ MRI?
  D. Weishaupt; Zurich/CH
• B. Polytraumatized patient: CT as the first line technique
  R.A. Novelline; Boston, MA/US
• C. Peripheral bones and joints: What is left for CT?
  T. Marshall; Norwich/UK

Sunday, March 9, 16:00–17:30
CC 1217 The abdomen: The realm of MDCT
Moderator: G. Marchal; Leuven/BE
• A. The liver: Is MDCT beating MRI?
  R.C. Nelson; Durham, NC/US
• B. The pancreas: MDCT stays the number one
  M. Zins; Paris/FR
• C. The kidneys and excretory system: Substituting IVU
  F. Stacul; Trieste/IT
Monday, March 10, 08:30–10:00
CC 1317 CT of the brain, head and neck: Is there anything new?
Moderator: L. Manfrè; Catania/IT
- A. Acute and chronic ischemia: Combining CT with CTP
  P.M. Parizel; Antwerp/BE
- B. Aneurysms and AVMs: When is CT enough?
  M.M. Thurnher; Vienna/AT
- C. Head and neck lesions: A new role for CT?
  M. Annertz; Lund/SE

Monday, March 10, 14:00–15:30
CC 1517 MDCT angiography: Do we need anything else?
Moderator: K.H. Tay; Singapore/SG
- A. The pulmonary vessels
  M. Rémy-Jardin; Lille/FR
- B. The arterial highways
  G.D. Rubin; Stanford, CA/US
- C. Detours
  C. Catalano; Rome/IT

Mini Course: Women's Imaging: Female Pelvis
Friday, March 7, 08:30–10:00
MC 125 Assessment of anatomy and imaging in benign lesions
Moderator: M. Bekiesinska-Figatowska; Warsaw/PL
- A. Normal anatomy (US, CT, PET/CT and MR)
  E. Sala; Cambridge/UK
- B. Infertility: Imaging of the uterus and Fallopian tubes
  D. Levine; Boston, MA/US
- C. Benign tumors of the uterus: Detection and characterisation
  C. Reinhold; Montreal, QC/CA

Friday, March 7, 16:00–17:30
MC 425 Malignant tumors
Moderator: D. Grenier; Paris/FR
- A. Cancer of the uterus: Primary and metastatic
  M.H. Fuchsjäger; Vienna/AT
- B. Cancer of the cervix: Primary staging and detection of cancer recurrence
  B. Hamm; Berlin/DE
- C. Cancer of the ovary: Relevance of imaging to patient management
  H. Hricak; New York, NY/US

Refresher Courses: Abdominal and Gastrointestinal
Friday, March 7, 08:30–10:00
RC 101 Imaging of malignant liver lesions
Moderator: D.J. Lomas; Cambridge/UK
- A. Liver metastases
  A. Palkó; Szeged/HU
- B. Primary malignancies in the non-cirrhotic liver
  T.K. Helmberger; Munich/DE
- C. Primary malignancies in the cirrhotic liver
  G. Brancatelli; Palermo/IT

Friday, March 7, 16:00–17:30
RC 401 Diseases of the mesentery and peritoneum
Moderator: P.K. Prassopoulos; Alexandroupolis/GR
- A. Radiologic anatomy of the mesentery and peritoneum
  A. Ba-Salasah; Vienna/AT
- B. Neoplastic diseases
  Y. Menu; Le Kremlin-Bicêtre/FR
- C. Infectious and inflammatory disease
  L. Crocetti; Pisa/IT

Saturday, March 8, 08:30–10:00
RC 501 Imaging in pancreatitis
Moderator: C. Valls; Barcelona/ES
- A. Acute pancreatitis
  N. Elmas; Izmir/TR
- B. Chronic pancreatitis
  W. Schima; Vienna/AT
- C. Complications of pancreatitis
  C. Triantopoulou; Athens/GR
Saturday, March 8, 16:00–17:30
RC 801 Imaging of the acute abdomen
Moderator: M. Marotti; Zagreb/HR
• A. Diagnosis of acute abdomen: Any imaging prior to MDCT?
P.A. Polastri; Geneva/CH
• B. CT as the first line examination
P. Taourel; Montpellier/FR
• C. Increasing role for emergency MRI?
K. Schunk; Koblenz/DE

Saturday, March 8, 16:00–17:30
RC 802 MRI of the breast
Moderator: F. Pediconi; Rome/IT
• A. Basics and new techniques
T.H. Heibich; Toronto, ON/CA
• B. Staging
C.K. Kuhl; Bonn/DE
• C. Monitoring response to neoadjuvant chemotherapy
L. Ollivier; Paris/FR

Sunday, March 9, 08:30–10:00
RC 901 Small nodules in the cirrhotic liver: What to do?
Moderator: C. Aubé; Angers/FR
• A. Surveillance of the cirrhotic patient
C. Bru; Barcelona/ES
• B. How to characterise a small focal lesion in cirrhosis
D. Cioni; Pisa/IT
• C. When and how to treat
C.D. Becker; Geneva/CH

Monday, March 10, 08:30–10:00
RC 1301 CT colonography: How to use it
Moderator: S.A. Taylor; London/UK
• A. How to do it
H. Fenlon; Dublin/IE
• B. How to read it
T. Mang; Vienna/AT
• C. Clinical value
P. Lefere; Roeselare/BE

Monday, March 10, 14:00–15:30
RC 1502 Ultrasound and breast disease
Moderator: H.M. Zonderland; Amsterdam/NL
• A. Understanding anatomy to detect disease
G. Rizzatto; Gorizia/IT
• B. 3D-4D breast ultrasound
C.F. Weismann; Salzburg/AT
• C. Lesion characterisation
M. Locatelli; Gorizia/IT

Monday, March 10, 16:00–17:30
RC 1602 Diagnosis and staging of breast cancer
Moderator: R. Schulz-Wendtland; Erlangen/DE
• A. IDC and ILC: Diagnostic challenges
C. Boetes; Nijmegen/NL
• B. Lymph-node evaluation
M.H. Fuchsjäger; Vienna/AT
• C. Interventional procedures
L. Steyaert; Bruges/BE

Cardiac
Saturday, March 8, 16:00–17:30
RC 803 How to perform a complete:
Moderator: L. Natale; Rome/IT
• A. CT examination of the heart
F. Cademartiri; Rotterdam/NL
• B. MR examination of the heart
J. Bogaert; Leuven/BE
• C. Examination of the heart in children
A.J.B.S. Madureira; Porto/PT

Sunday, March 9, 08:30–10:00
RC 903 The atherosclerotic plaque
Moderator: E. Spyntrup; Aachen/DE
• A. CT plaque imaging and characterisation
A. Küttner; Erlangen/DE
• B. MR plaque imaging and differentiation
Z.A. Fayad; New York, NY/US
• C. Calcium scoring and CT angiography in clinical practice
G. Feuchtner; Innsbruck/AT
Monday, March 10, 08:30–10:00
RC 1303 Imaging of myocardial infarction
Moderator: M. Oudkerk; Groningen/NL
- A. MR imaging of acute myocardial infarction
  J.-F. Paul; Le Plessis Robinson/FR
- B. Prediction of myocardial viability with MR
  M.R. Rees; Gwynedd/UK
- C. MDCT for the detection and quantification of myocardial infarction
  I. Mastorakou; Athens/GR

Tuesday, March 11, 08:30–10:00
RC 1703 CT vs MRI
Moderator: R. Maksimovic; Belgrade/CS
- A. Congenital heart disease
  J. Glowacki; Zabrze/PL
- B. Cardiomyopathies
  J. Bremerich; Basle/CH
- C. Tumor and pericardial disease
  H. Scheffel; Zurich/CH

Chest
Friday, March 7, 08:30–10:00
RC 104 Volumetric HRCT of diffuse lung diseases
Moderator: J. Neuwirth; Prague/CZ
- A. Technical and dose considerations in imaging interstitial lung disease
  D. Tack; Brussels/BE
- B. Airway diseases
  G. Ferretti; Grenoble/FR
- C. Collagen vascular diseases
  S.R. Desai; London/UK

Friday, March 7, 16:00–17:30
RC 404 A practical approach for interpreting the chest radiograph
Moderator: K. Malagari; Athens/GR
- A. General principles
  A.A. Bankier; Vienna/AT
- B. The frontal view
  N. Howarth; Chêne-Bougeries/CH
- C. The lateral view
  J. Cáceres; Barcelona/ES

Saturday, March 8, 08:30–10:00
RC 504 Pulmonary embolism update
Moderator: J. Vilar; Valencia/ES
- A. How to optimise the examination technique
  I. Hartmann; Rotterdam/NL
- B. The dyspnoeic patient: Which diagnostic strategy?
  L. Bonomo; Rome/IT
- C. Subsegmental emboli
  C. Engelke; Munich/DE

Sunday, March 9, 16:00–17:30
RC 1204 Bronchogenic carcinoma:
Screening and staging
Moderator: M.L. Storto; Chieti/IT
- A. Screening: Guidelines for follow-up
  S. Diedrich; Düsseldorf/DE
- B. Staging with CT and MRI
  J. Frija; Paris/FR
- C. Staging with PET/CT
  W. De Wever; Leuven/BE

Monday, March 10, 14:00–15:30
RC 1504 Diagnostic mimics in chest diseases
Moderator: E. Castañer; Sabadell/ES
- A. Focal opacity
  F. Gleeson; Oxford/UK
- B. Alveolar opacities
  C. Schaefer-Prokop; Amsterdam/NL
- C. Interstitial opacities
  A. Oikonomou; Alexandria/GR

Monday, March 10, 16:00–17:30
RC 1604 Computer-aided diagnosis in the chest
Moderator: P.A. Grenier; Paris/FR
- A. Techniques behind CAD
  B. van Ginneken; Utrecht/NL
- B. Lung nodule: Detection and characterisation
  D. Warmanns; Berlin/DE
- C. Advanced applications
  H.-U. Kauffmann; Heidelberg/DE

Computer Applications
Friday, March 7, 08:30–10:00
RC 105 What can PACS do today?
Moderator: E. Bellon; Leuven/BE
- A. Speech recognition and PACS-RIS: Friend or foe?
  C. Trumm; Munich/DE
- B. PACS and post-processing:
  Engagement, wedding and divorce
  A. Blum; Nancy/FR
- C. PACS as an essential for radiology education
  A. Toms; Norwich/UK

Friday, March 7, 16:00–17:30
RC 405 PACS in evolution
Moderator: N.H. Strickland; London/UK
- A. Structured reporting
  P. Mildenerger; Mainz/DE
- B. Process management and quality assurance in PACS
  J.G. Blickman; Nijmegen/NL
- C. Regional and national PACS and EPR
  R. Vogl; Münster/DE

Refresher Courses
Molecular Imaging and Contrast Media

Sunday, March 9, 16:00–17:30
RC 1206 Angiogenesis imaging in clinical practice today
Moderator: W.A. Kaiser; Jena/DE
• A. Principles
K.A. Miles; Brighton/UK
• B. How to do it
A.R. Padhani; Northwood/UK
• C. Information you can get
J.O. Barentsz; Nijmegen/NL

Monday, March 10, 16:00–17:30
RC 1606 US contrast agents
Moderator: O. Catalano; Naples/IT
• A. Basics of US contrast agents
A.P. Wieczorek; Lublin/PL
• B. Current and future applications
J.-M. Correas; Paris/FR
• C. Targeted US bubbles
M. Maurer; Erlangen/DE

Genitourinary

Saturday, March 8, 08:30–10:00
RC 507 Imaging of the pelvic floor
Moderator: R. Manfredi; Verona/IT
• A. Assessment of anatomy and function with MRI
R.F. M. El Sayed; Cairo/EG
• B. Functional MRI: When and how?
T. Fischer; Munich/DE
• C. US in stress incontinence
C. Roy; Strasbourg/FR

Saturday, March 8, 16:00–17:30
RC 807 What to do with all these small renal masses?
Moderator: J.E. Husband; London/UK
• A. Detection and characterisation: How far can we reach with our imaging techniques?
A. Cieszanowski; Warsaw/PL
• B. Renal Masses: When and why to biopsy them?
S.G. Silverman; Boston, MA/US
• C. Alternative treatment: RF ablation
B.J. Wood; Bethesda, MD/US

Sunday, March 9, 08:30–10:00
RC 907 Imaging of the male genitalia
Moderator: G. Maláhias; Athens/GR
• A. The acute scrotum
L.E. Berchi; Genoa/IT
• B. Testicular tumors
R.H. Oyen; Leuven/BE
• C. The penis
P. Pavlica; Bologna/IT

Sunday, March 9, 16:00–17:30
RC 1207 Imaging of the adnexal masses
Moderator: M. Basak; Istanbul/TR
• A. What to do with an adnexal mass: Sonography
M. Weston; Leeds/UK
• B. How to characterise an indeterminate adnexal mass with MRI
R. Forstner; Salzburg/AT
• C. CT staging for sonographically malignant lesions
C.S. Balleyguier; Villejuif/FR

Monday, March 10, 14:00–15:30
RC 1507 Percutaneous stone extraction: Success by team work
Moderator: M. Riccabona; Graz/AT
• A. Which stones need a percutaneous extraction and how is it done?
S. Moussa; Edinburgh/UK
• B. The role of the radiologist
A. Magnusson; Uppsala/SE
• C. The role of the endourologist
M. Brehmer; Stockholm/SE

Head and Neck

Friday, March 7, 08:30–10:00
RC 108 Imaging of the orbit
Moderator: B. Kreuzberg; Plzen/CZ
• A. Ocular pathology
N. Hosten; Greifswald/DE
• B. Extraocular orbital pathology
C. Czerny; Vienna/A
• C. Extraorbital causes of diplopia
M.M. Lemmerling; Gent/BE

Friday, March 7, 16:00–17:30
RC 408 Head and neck imaging: A practical approach
Moderator: S. Robinson; Vienna/AT
• A. Inflammatory lesions
R. Maroldi; Brescia/IT
• B. Traumatic lesions
M. Becker; Geneva/CH
• C. Tumors
R. Hermans; Leuven/BE

Saturday, March 8, 16:00–17:30
RC 808 Imaging after treatment of head and neck tumors
Moderator: A. Trojanowska; Lublin/PL
• A. Tissue changes after treatment: The expected ones
R.D. Brüning; Hamburg/DE
• B. Tumor recurrence and treatment complications: The feared ones
R.C. Sigal; Villejuif/FR
• C. Imaging alterations due to denervation
A. Borges; Lisbon/PT
Monday, March 10, 08:30–10:00
RC 1308 Imaging the thyroid and parathyroid
Moderator: M.G. Mack; Frankfurt a. Main/DE
- A. Clinical perspective and nuclear medicine
  A. Kurtaran; Vienna/AT
- B. Ultrasound and US-guided biopsy
  N. Gritzmann; Salzburg/AT
- C. CT and MRI
  J.E. Kabala; Bristol/UK

Tuesday, March 11, 08:30–10:00
RC 1708 What you always wanted to hear about hearing loss
Moderator: B.F. Schuknecht; Zurich/CH
- A. What the ENT surgeon wants to know from the radiologist
  W. Göttnner; Frankfurt a. Main/DE
- B. Pathology of the external and middle ear
  F. Veillon; Strasbourg/FR
- C. Pathology of the inner ear
  J.W. Casselman; Bruges/BE

Interventional Radiology
Friday, March 7, 16:00–17:30
RC 409 Endovascular treatment of aortoiliac occlusive disease: How far can interventional radiology go?
Moderator: A. Chatziioannou; Athens/GR
- A. Aortic bifurcation disease
  G. O’Sullivan; Galway/IE
- B. Occlusions: Techniques, tips and tricks
  D. Scheinert; Leipzig/DE
- C. Trial results and TASC recommendations
  J. Lammer; Vienna/AT

Saturday, March 8, 16:00–17:30
RC 809 Percutaneous interventions in musculoskeletal disease
Moderator: L. Pierot; Reims/FR
- A. Vertebroplasty and kyphoplasty
  J. Blasco Andaluz; Barcelona/ES
- B. Discs and facet joints
  D.A. Rufener; Geneva/CH
- C. Bone biopsy and RF ablation
  A.D. Kelekis; Athens/GR

Monday, March 10, 08:30–10:00
RC 1309 Interventions in non-malignant liver diseases
Moderator: K.A. Hausegger; Klagenfurt/AU
- A. Benign biliary disease
  M. Glynos; Athens/GR
- B. Management of complications post liver transplantations
  J.B. Karani; London/UK
- C. Interventions in the portal system
  A. Krajina; Hradec Králové/CZ

Monday, March 10, 14:00–15:30
RC 1509 Treatment of acute hemorrhage
Moderator: J.E. Jackson; London/UK
- A. Hemoptysis
  M. Szczepan-Trojanowska; Lublin/PL
- B. Gastrointestinal hemorrhage
  D.M. van Delden; Amsterdam/NL
- C. Posttraumatic hemorrhage
  O. Pellerin; Paris/FR

Monday, March 10, 16:00–17:30
RC 1609 Carotid interventions
Moderator: A. Basile; Catania/IT
- A. Patient selection and preprocedure imaging
  S. MacDonald; Newcastle upon Tyne/UK
- B. Stenting technique, tips and tricks
  L. Stockx; Genk/BE
- C. Results of stenting vs surgery trials
  J.C. van den Berg; Lugano/CH

Tuesday, March 11, 08:30–10:00
RC 1709 Update on endovascular aortic interventions
Moderator: C.C. Basekim; Istanbul/TR
- A. Abdominal aortic aneurysm
  S. Müller-Hülsbeck; Kiel/DE
- B. Thoracic aortic aneurysm
  G.J. Munneke; London/UK
- C. Aortic dissection
  F. Fanelli; Rome/IT

Musculoskeletal
Friday, March 7, 08:30–10:00
RC 1110 Foot and ankle
Moderator: C. Faletti; Turin/IT
- A. Normal variants and MRI pitfalls
  M. Zanetti; Zurich/CH
- B. Value and limitations of US
  E.G. McNally; Oxford/UK
- C. Ankle trauma
  M. Shahabpour-David; Brussels/BE

Saturday, March 8, 16:00–17:30
RC 810 Osteoporosis
Moderator: H.K. Genant; San Francisco, CA/US
- A. Bone densitometry: The essentials
  G. Guglielmi; Foggia/IT
- B. Vertebral fractures: Definition, classification and significance
  J.E. Adams; Manchester/UK
- C. MRI of osteoporotic insufficiency fractures
  T.M. Link; San Francisco, CA/US

Sunday, March 9, 08:30–10:00
RC 910 Hip
Moderator: H. Imhof; Vienna/AT
- A. Femoracetabular impingement
  S.E. Anderson; Berne/CH
- B. Femoral head edema
  B. Vande Berg; Brussels/BE
- C. Sports injuries
  M. Padrón; Madrid/ES
**PRELIMINARY PROGRAMME**

**Sunday, March 9, 16:00–17:30**

**RC 1210** Spine
Moderator: F. Lecouvet; Brussels/BE
- A. Bone tumors
  V.N. Cassar-Fullicino; Oswestry/UK
- B. Infection
  V. Jevtic; Ljubljana/SI
- C. The post-operative spine
  J.W. van Goethem; Antwerp/BE

**Monday, March 10, 08:30–10:00**

**RC 1310** Shoulder
Moderator: E. Llopis; Valencia/ES
- A. Impingement
  J. Kramer; Linz/AU
- B. Instability
  P. Hughes; Plymouth/UK
- C. Superior labrum and biceps tendon lesions
  K. Wörtler; Munich/DE

**Monday, March 10, 16:00–17:30**

**RC 1610** New trends in musculoskeletal radiology
Moderator: A. Baur-Melnyk; Munich/DE
- A. Cartilage imaging
  C. Glaser; Munich/DE
- B. Diffusion imaging and tractography
  C. Khalil; Lille/FR
- C. MR contrast media
  D. Weishaupt; Zurich/CH

**Tuesday, March 11, 08:30–10:00**

**RC 1710** Extra-spinal interventional procedures
Moderator: A. Chevrot; Paris/FR
- A. Basic interventional procedures
  G.K.O. Åström; Uppsala/SE
- B. Advanced interventional procedures
  J.-L. Drapé; Paris/FR
- C. US-guided procedures
  C. Martinoli; Genoa/IT

**Neuro**

**Friday, March 7, 08:30–10:00**

**RC 111** Stroke
Moderator: S. Pedraza; Girona/ES
- A. Cerebral vascular territories
  A. Urbanik; Krakow/PL
- B. Early signs on CT and MRI
  G. Krums; Riga/LV
- C. The ischemic penumbra: Diagnosis and clinical impact
  E.-M. Law; New York, NY/US

**Saturday, March 8, 16:00–17:30**

**RC 811** Basic MR
Moderator: P.H. Nakstad; Oslo/NO
- A. From signal to diagnosis: Basic interpretation of T1 and T2 behaviour of brain lesions
  G. Wilms; Leuven/BE
- B. Differential diagnosis of bright lesions on diffusion-weighted MR images
  M.M. Thurnher; Vienna/AT
- C. Cortical anatomy on MR
  T.A. Youry; London/UK

**Sunday, March 9, 16:00–17:30**

**RC 1211** Imaging of vascular brain disease
Moderator: R. Gasparotti; Brescia/IT
- A. Spontaneous intracerebral haemorrhage
  P.M. Parizel; Antwerp/BE
- B. Chronic vascular diseases
  M.A. van Buchem; Leiden/NL
- C. Cerebral venous thrombosis
  L. Biscio; Lisbon/PT

**Monday, March 10, 08:30–10:00**

**RC 1311** Pediatric neuroradiology
Moderator: Z. Merhemic; Sarajevo/BA
- A. Migration disorders
  P. Demaere; Leuven/BE
- B. CNS infections
  P.C. Maly Sundgren; Ann Arbor, MI/US
- C. Congenital brain tumors
  A. Rossi; Genoa/IT

**Monday, March 10, 14:00–15:30**

**RC 1511** Brain tumors
Moderator: J. Ruscalleda; Barcelona/ES
- A. Pituitary lesions
  F. Bonneville; Paris/FR
- B. Primary brain tumors
  S. Karampekios; Iraklion/GR
- C. Pseudo-tumoral lesions: Diagnosis and differential diagnosis
  C.F. Andreula; Bari/IT

**Monday, March 10, 16:00–17:30**

**RC 1611** Grey and white matter disease
Moderator: H.R. Jäger; London/UK
- A. Demyelinating diseases
  E.-W. Radü; Basle/CH
- B. Dementia
  B. Gómez-Ansón; Barcelona/ES
- C. Brain and meningeal infections
  E.T. Tali; Ankara/TR

**Monday, March 11, 08:30–10:00**

**RC 1511** Brain tumors
Moderator: J. Ruscalleda; Barcelona/ES
- A. Pituitary lesions
  F. Bonneville; Paris/FR
- B. Primary brain tumors
  S. Karampekios; Iraklion/GR
- C. Pseudo-tumoral lesions: Diagnosis and differential diagnosis
  C.F. Andreula; Bari/IT

**Monday, March 11, 16:00–17:30**

**RC 1611** Grey and white matter disease
Moderator: H.R. Jäger; London/UK
- A. Demyelinating diseases
  E.-W. Radü; Basle/CH
- B. Dementia
  B. Gómez-Ansón; Barcelona/ES
- C. Brain and meningeal infections
  E.T. Tali; Ankara/TR

**Tuesday, March 11, 08:30–10:00**

**RC 1711** Interventional neuroradiology
Moderator: G. Pellicanò; Florence/IT
- A. Management of the non-ruptured intracranial aneurysm
  T. Rings; Aachen/DE
- B. Intracranial stenting
  I. Szikora; Budapest/HU
- C. Intracranial trombectomy
  R. Chapon; Essen/DE
Pediatric
Sunday, March 9, 16:00–17:30
RC 1212 Gastrointestinal tract
Moderator: M. Hiorns; London/UK
• A. Gastrointestinal emergencies
  E. Beek; Utrecht/NL
• B. Inflammatory bowel disease
  J.P. Pracro; Lyon/FR
• C. Biliary tract
  M. Rasero; Madrid/ES

Monday, March 10, 08:30–10:00
RC 1312 Chest imaging
Moderator: P. Tomà; Genoa/IT
• A. Neonatal chest diseases
  M.P. García-Peña; Barcelona/ES
• B. Acute chest diseases
  J. Fonseca-Santos; Lisbon/PT
• C. Foreign body aspiration and ingestion
  K. Darge; Würzburg/DE

Monday, March 10, 14:00–15:30
RC 1512 Neuro imaging
Moderator: S. Cakirer; Istanbul/TR
• A. State-of-the-art neurosonography
  C. Veyrac; Montpellier/FR
• B. Neurotrauma
  C. Christophe; Brussels/BE
• C. MR of the hypothalamo-pituitary axis
  M.I. Argyropoulou; Ioannina/GR

Monday, March 10, 16:00–17:30
RC 1612 Safety considerations in imaging
Moderator: R. Fotter; Graz/AT
• A. Dose reduction
  C. Owens; London/UK
• B. MR friendly: Safety and techniques adapted to children
  O.E. Olsen; London/UK
• C. Anesthesia and sedation in pediatric imaging
  F. De Groote; Brussels/BE

Tuesday, March 11, 08:30–10:00
RC 1712 Trauma
Moderator: A.J. Marcinski; Warsaw/PL
• A. Abdominal trauma
  G. Staatz; Erlangen/DE
• B. Renal trauma
  J.-N. Dacher; Rouen/FR
• C. The limping child
  C.J. Kellenberger; Zurich/CH

Physics in Radiology
Sunday, March 9, 08:30–10:00
RC 913 MR-guided cardiovascular interventions
Moderators: J. Bitton, Le Kremlin-Bicêtre/FR
C. Thomsen; Copenhagen/DK
• A. Instrument visualisation techniques
  H.H. Quick; Essen/DE
• B. Endovascular applications
  F.K. Wacker; Berlin/DE
• C. Cardiac applications
  E. Atalar; Ankara/TR

Sunday, March 9, 09:00–17:30
RC 1213 Physics and technology of multi-modality imaging systems
Moderators: A. Bockisch; Essen/DE
M. Gambaccini; Ferrara/IT
• A. CT-PET
  A.A. Lammertsma; Amsterdam/NL
• B. CT-SPECT
  T. Kuwert; Erlangen/DE
• C. MR-PET
  R. Krieg; Erlangen/DE

Monday, March 10, 08:30–10:00
RC 1313 Quality control and dose reduction in digital radiology
Moderators: A. Lisbona; Saint-Herblain/FR
O. Ratib; Geneva/CH
• A. Principles of flat panel detectors
  N. Marshall; London/UK
• B. Managing patient dose
  E. Varo; Madrid/ES
• C. Quality assurance
  H.-P. Busch; Trier/DE

Monday, March 10, 14:00–15:30
RC 1513 Managing patient dose
Moderators: W. Burkart; Vienna/AT
M. Raissaki; Iraklion/GR
• A. In diagnostic radiology
  K. Faulkner; Wallsend/UK
• B. In interventional radiology
  R. Padovani; Udine/IT
• C. In nuclear medicine
  S. Christofides; Nicosia/CY

Monday, March 10, 16:00–17:30
RC 1613 Monitor reporting:
Quality and diagnostic accuracy
Moderators: C. Lesdecker; Malvern, PA/US
S. Wirth; Munich/DE
• A. Display system requirements for full field digital mammography:
  FDA perspective
  K. Chakrabarti; Rockville, MD/US
• B. MoniQA: Software for monitor QA
  H. Bosmans; Leuven/BE
• C. Cost effectiveness of monitor reporting
  M.G. Wallis; Coventry/UK
EFOMP Workshop
Saturday, March 8, 08:30–12:00
New technology in diagnostic radiology: High field MRI for clinical and pre-clinical studies
Organising Committee:
Chairman: A. Del Guerra; Pisa/IT
Members: S. Christofides; Nicosia/CY
G.P. Krestin; Rotterdam/NL
W. Schlegel; Heidelberg/DE
M. Tosetti; Pisa/IT

Saturday, March 8, 08:30–10:00
EF 1 State-of-the-art of high field MRI instrumentation
Moderators: W. Schlegel; Heidelberg/DE
M. Tosetti; Pisa/IT
• Welcome address
M.F. Reiser; Munich/DE
W. Schlegel; Heidelberg/DE
• High field clinical MRI: Instrumentation and methods
R. Turner; Leipzig/DE
• Pre-clinical studies with high field and very high field MRI: What is available, what is needed?
S. Aime; Turin/IT
• PET-MRI combined modalities for pre-clinical and clinical studies
A. Carpenter; Cambridge/UK

Saturday, March 8, 10:30–12:00
EF 2 Clinical applications, safety issues and regulations for very high field MRI
Moderators: S. Christofides; Nicosia/CY
G.P. Krestin; Rotterdam/NL
• Safety issues and regulations for high field MRI
M. Ladd; Essen/DE
• Physical implications of a 7 Tesla MRI installation
D. Spack, Magdeburg/DE
• Future impact of the 7 Tesla MRI in the clinical applications
R.W. Bowtell; Nottingham/UK

Radiographers
Sunday, March 9, 08:30–10:00
RC 914 MRI
Moderators: C. Garvey; Liverpool/UK
K. Thanassoulas; Athens/GR
• A. Advanced neuro imaging
N. Delecanakis; Athens/GR
• B. Artifacts in clinical MRI: Identification and correction
J. Castillo; Misida/MT

Sunday, March 9, 16:30–17:30
RC 1214 Professional profile developments: The extended role of the radiographer
Moderators: G.A. Marshall; Lancaster/UK
C. Roche; Galway/IE
• A. Changing roles in the 21st century: Reporting, research, management, consultants
A. Paterson; London/UK
• B. The Norwegian Radiography Research Group
B. Strøm; Bergen/NO
• C. Radiology informatics:
A new research area
N. Lundberg; Stockholm/SE

Monday, March 10, 08:30–10:00
RC 1314 Trauma
Moderators: A.M. Davies; Birmingham/UK
J. Nicklin; Poole/UK
• A. Introducing digital radiography into the trauma unit
H. Harries-Jones; Poole/UK
• B. Emergency radiographer: An emerging role
B. Snailth; Wakefield/UK

Monday, March 10, 14:00–15:30
RC 1514 Computed tomography: CT and contrast media
Moderators: S. Huber; Munich/DE
H. Ringertz; Stanford, CA/US
• A. Optimising CM injection protocols in MDCT: Is faster always better?
E. Agadakos; Athens/GR
• B. The patterns of contrast enhancement of vessels and tissues related to the parameters of intravenous injection of CM
E. Linnaemagi; Tartu/EE

Monday, March 10, 16:00–17:30
RC 1614 Non medical applications
Moderators: I. Isherwood; Manchester/UK
M. Jokel; Hamburg/DE
• A. Imaging in archaeology
P. Pipan; Trieste/IT
• B. Imaging in art
P. Gerson; Paris/FR
Vascular
Friday, March 7, 08:30–10:00
RC 115  Non-invasive vascular imaging
Moderator: M.J. Furmanek; Warsaw/PL
- A. Whole body MRA
  S.G. Ruehm; Los Angeles, CA/US
- B. Whole body CTA
  A. Napoli; Rome/IT
- C. Is there a role for catheter angiography?
  D.K. Tsitsis; Iraklion/GR

Friday, March 7, 16:00–17:30
RC 415  Imaging in carotid disease
Moderator: A.L.J. Bojanovic; Nis/RS
- A. Ultrasound
  N. Liasis; Athens/GR
- B. MRA and CTA
  N. Anzalone; Milan/IT
- C. Plaque imaging
  M. Lell; Erlangen/DE

Saturday, March 8, 16:00–17:30
RC 815  Non-invasive imaging of the lower limb venous system
Moderator: R.M.T. Pattynama; Rotterdam/NL
- A. Anatomy and physiology: Correlation with imaging
  V. Bérczi; Budapest/HU
- B. Sonography: Clinical applications and results
  N. Grenier; Bordeaux/FR
- C. CTA and MRA: Is there a role?
  B. Ghaye; Liège/BE

Tuesday, March 11, 08:30–10:00
RC 1715 Imaging of critical limb ischemia
Moderator: M.S. Grammenou-Pomoni; Athens/GR
- A. Sonography: Just time consuming?
  R. Uberoi; Oxford/UK
- B. MRA: Tips to improve results
  J.F.M. Meaney; Dublin/IE
- C. MDCT: Just too many images?
  G.D. Rubin; Stanford, CA/US

E³ – European Excellence in Education Foundation Course: Interventional Radiology
Friday, March 7, 08:30–16:00
E³ 120a  Arteries
Moderator: J. Kettenbach, Vienna/AT
- A. How to treat superficial femoral artery stenosis
  H.-J. Wagner; Berlin/DE
- B. How and when to use renal artery stents
  J.H. Pereglin; Prague/CZ

Friday, March 7, 10:30–12:00
E³ 220  Veins
Moderator: R. Morgan; London/UK
- A. Common problems with dialysis fistulae
  D. Vorwerk; Ingolstadt/DE
- B. How to deal with vascular malformations
  A. Martinez de la Cuesta; Pamplona/ES

Friday, March 7, 16:00–17:30
E³ 320  Gastrointestinal tract
Moderator: T. Pfammatter; Zurich/CH
- A. Percutaneous treatments
  L. Solbiati; Busto Arsizio/IT
- B. Endovascular treatments
  F. Orsi; Milan/IT

Saturday, March 8, 08:30–10:00
E³ 520a  Liver tumors
Moderator: R. Lencioni; Pisa/IT
- A. Percutaneous treatments
  L. Solbiati; Busto Arsizio/IT
- B. Endovascular treatments
  F. Orsi; Milan/IT

Saturday, March 8, 10:30–12:00
E³ 620  Musculoskeletal
Moderator: J.I. Bilbao Jaureguizar; Pamplona/ES
- A. Traumatic hemorrhage
  A. Nicholson; Leeds/UK
- B. Vertebroplasty
  A. Gangi; Strasbourg/FR

Saturday, March 8, 12:15–13:15
Self assessment test: Interactive computer evaluation of course learning
Moderator: J.I. Bilbao Jaureguizar; Pamplona/ES
Interactive session with electronic voting self assessment
E³ – European Excellence in Education Interactive Teaching Course: Useful Signs in Imaging

Friday, March 7, 16:00–17:30

E³ 420b Signs in neuroradiology and in head and neck imaging
Moderator: J.A. Castelijns; Amsterdam/NL
  • A. Neuro
  J.M. Björkman-Burtscher; Lund/SE
  • B. Head and neck
  S.J. Golding; Oxford/UK

Saturday, March 8, 14:00–15:30

E³ 720 Signs in abdominal imaging
Moderator: S.C. Efremidis; Ioannina/GR
  • A. Abdomen: Viscera
  F. Caseiro-Alves; Coimbra/PT
  • B. Abdomen: GI
  P. Rogalla; Berlin/DE

Saturday, March 8, 16:00–17:30

E³ 820 Signs in genitourinary imaging
Moderator: G. Heinz-Peer; Vienna/AT
  • A. Retropertitoneum
  P. Softia; Santiago/CL
  • B. Pelvis
  R. Pozzi-Mucelli; Verona/IT

Sunday, March 9, 10:30–12:00

E³ 1020 Signs in chest imaging
Moderator: J.A. Verschakelen; Leuven/BE
  • A. Lungs
  J. Cáceres; Barcelona/ES
  • B. Mediastinum and pleura
  C.J. Herold; Vienna/AT

Sunday, March 9, 16:00–17:30

E³ 1220 Signs in musculoskeletal imaging
Moderator: K. Bohndorf; Augsburg/DE
  • A. Axial skeleton
  A.H. Karantanas; Iraklion/GR
  • B. Extremities
  F.M.H.M. Vanhoenacker; Antwerp/BE

Interactive session with electronic voting self assessment
Monday, March 10, 14:00–15:30
E³ 1520 The imaging management of back pain
Moderators: D.J. Wilson; Oxford/UK
V.N. Cassar-Pullicino; Oswestry/UK
L. Manfrè; Catania/IT

Monday, March 10, 16:00–17:30
E³ 1620 Traps in imaging of cirrhosis and portal hypertension
Moderator: M. Escobar; Barcelona/ES
Y. Manu; Le Kremlin-Bicêtre/FR
A. Besim; Ankara/TR

Tuesday, March 11, 08:30–10:00
E³ 1720 Detection and diagnosis of interstitial lung diseases
Moderator: J. Andreu; Barcelona/ES
S.R. Desai; London/UK
S.P.G. Padley; London/UK

E³ – European Excellence in Education
Breast Imaging
Tuesday, March 11, 10:30–12:00
E³ 1820 BI-RADS™ – Olympics
Moderators: T.H. Helbich;
Toronto, ON/CA
K. Kinkel;
Chêne-Bougeries/CH

- Mammography and ultrasound
  T.H. Helbich; Toronto, ON/CA
- MR imaging
  K. Kinkel; Chêne-Bougeries/CH

Interactive session with electronic voting self assessment

Image Interpretation Quizzes
Sunday, March 9, 14:00–15:30
Image Interpretation Quiz: The battle of the sexes
Moderator: A. Watkinson; Exeter/UK

Panellists:
Ladies: L. Crocetti; Pisa/IT
M.M. Morrin; Dublin/IE
C. Schüller-Weidekamm; Vienna/AT
A. Tardvö; Paris/FR

Gentlemen: M. Bezzi; Rome/IT
A. Gangi; Strasbourg/FR
T. Jargiello; Lublin/PL
G. Maskell; Truro/UK

Tuesday, March 11, 12:15–13:15
Junior Image Interpretation Quiz: Europe vs India
Moderator: H.J. Michaely; Mannheim/DE
Panellists to be announced

Hospital Manager Symposium
Saturday, March 8, 08:30–13:30
Programme to be announced
Hands-on Workshops

Image Guided Breast Biopsy: How to do it

**Coordinators:** C.S. Balleyguier; Villejuif/FR  
T.H. Helbich; Toronto, ON/CA

**Speakers:** C. Boetes; Nijmegen/NL  
T.H. Helbich; Toronto, ON/CA  
I. Schreer; Kiel/DE

**Instructors:** G. Esen; Istanbul/TR  
M.H. Fuchsjaeger; Vienna/AT  
L. Levy; Paris/FR  
M. Locatelli; Gorizia/IT  
R. Salvador; Barcelona/ES

The workshop is organised to provide participants with an introduction to the most important issues in percutaneous imaging-guided biopsy of breast lesions under stereotactic and ultrasound guidance.

Percutaneous imaging-guided needle biopsy has increasingly become an alternative to surgical biopsy for the histologic assessment of breast lesions. Percutaneous biopsy is faster, less invasive and less expensive than surgical biopsy. Tissue acquisition is performed with automated large core needles or directional vacuum-assisted biopsy probes. In some instances, cytology is helpful, but requires a strong collaboration with a trained pathologist. Guidance for percutaneous biopsy is usually provided by stereotaxis and ultrasound. In the near future, MRI may play a significant role, especially in high risk patients. Imaging guidance depends on lesion type and the results of diagnostic imaging studies. This workshop reviews indications, advantages, limitations and controversial issues in percutaneous imaging-guided biopsy of breast lesions under stereotactic and ultrasound guidance. Participants will work on phantoms to learn how to hit a lesion or, for the more experienced, how to improve their personal ‘hit rate’.

Participants will have the opportunity to attend a series of lectures on the most important issues. Then, during practical sessions, they will be instructed how to perform breast biopsy under stereotactic and ultrasound guidance. State-of-the-art equipment will be available, including different automated large core needles and/or directional vacuum-assisted biopsy probes, and sessions will be arranged to allow time for each participant to perform examinations under supervision.

Participants are required to attend the complete workshop.

**Learning Objectives:**
1. To learn indications, advantages, limitations and controversial issues (e.g. cytology vs. histology) in percutaneous imaging-guided biopsy of breast lesions under stereotactic, US and MRI guidance.
2. To learn how to perform breast biopsy under US guidance.
3. To learn how to perform breast biopsy under stereotactic guidance.
4. To learn the potential advantages and limits of MR guided biopsy.
5. To learn which technique should be preferably used (automated large core needles or directional vacuum-assisted biopsy probes).

**Registration:**
The number of participants for each session is restricted. Participants need to register in advance for the hands-on sessions (http://myESR.org) as of November 1, 2007, and have to pay a fee of € 30. All participants have to attend the lecture on Saturday morning and can then attend the set of ‘hands-on’ sessions for which they are pre-registered.

**Time Schedule:**

**Saturday, March 8**
WS 521 08:30–10:00  Lecture  
WS 621 10:30–12:00  US biopsy  
WS 721 14:00–15:30  Stereotactic guidance

**Sunday, March 9**
WS 921 08:30–10:00  Stereotactic guidance  
WS 1021 10:30–12:00  US biopsy  
WS 1121 14:00–15:30  Stereotactic guidance

**Monday, March 10**
WS 1321 08:30–10:00  Stereotactic guidance  
WS 1421 10:30–12:00  US biopsy  
WS 1521 14:00–15:30  Stereotactic guidance  
WS 1621 16:00–17:30  Stereotactic guidance
Experience Vascular Procedures Using Simulators

Kindly supported by CIRSE

Coordinator: T. Sabharwal; London/UK

Instructors: E. Brountzos; Athens/GR  
F. Fanelli; Rome/IT  
N. Fotiadis; London/UK  
M. Glynos; Athens/GR  
P. Goutzios; Athens/GR  
P. Haage; Wuppertal/DE  
M. Hamady; London/UK  
F. Irani; London/UK  
S. MacDonald; Newcastle upon Tyne/UK  
R. Morgan; London/UK  
S. Punamiya; Mumbai/IN  
M. Sapoval; Paris/FR  
H.-J. Wagner; Berlin/DE

This workshop aims to expose participants to a developing new paradigm in interventional training – the use of computerised medical simulators.

Training in interventional catheter-based procedures, especially with the increasing use of non-invasive imaging, has made it difficult for doctors to become skilled. Patients can experience pain, and be at increased risk during the trainee’s learning phase for a new instrument or technique. The simulator attempts to reproduce the physics and physiology of the human cardiovascular system. Various procedures – such as diagnostic angiography, angioplasty, and stenting (renals, carotids, subclavians and peripherals) – can in theory be learnt prior to performing on patients. What we know today is that these simulator models can provide the participant with an opportunity to experience, and probably learn, the various steps of a procedure – choosing appropriate catheters, wires, stents, and angles of fluoroscopy rotation.

All this learning is without the use of x-rays, exposure to blood, or pain/danger to patients!

Come and see the future in vascular interventional training and test your skills!

Learning Objectives:
1. To get exposure to medical simulator machines.
2. To experience the procedural steps of catheter-based intervention on simulator machines (carotid stenting, renal stenting, peripheral stenting).
3. By the end of the workshop the participants should have a good understanding of medical simulator machines and have performed the theoretical steps for arterial stenting as it would be in patients.

Target Group
Trainees and consultants with an interest in learning interventional catheter-based procedures in radiology.

Registration
The number of participants for each session is restricted. Participants need to register in advance (http://myESR.org) as of November 1, 2007, and have to pay a fee of €30.

Time Schedule

**Friday, March 7**
- WS 222 10:30–12:00 Carotids
- WS 322 14:00–15:30 Renals/Peripherals

**Saturday, March 8**
- WS 622 10:30–12:00 Carotids
- WS 722 14:00–15:30 Renals/Peripherals

**Sunday, March 9**
- WS 1022 10:30–12:00 Carotids
- WS 1122 14:00–15:30 Renals/Peripherals

Hands-on Workshops

Experience Vascular Procedures Using Simulators

myESR.org 31
Tips and Tricks in Radiofrequency Ablation

**Coordinator:** R. Lencioni; Pisa/IT

**Instructors:**
- E. Bozzi; Pisa/IT
- C. Bru; Barcelona/ES
- A. Gangi; Strasbourg/FR
- A.R. Gillams; London/UK
- T.K. Helmberger; Munich/DE
- R.-T. Hoffmann; Munich/DE
- Y. Ni; Leuven/BE
- L. Solbiati; Busto Arsizio/IT

The workshop will be held in four sessions (two basic and two advanced) of 90 minutes each and is limited to a maximum of 30 participants per session. Basic workshops will be focused on principles and techniques for radiofrequency ablation as well as on practical clues for its clinical application in liver tumor treatment (‘what you need to know to start’). Advanced workshops will present more complex techniques for liver ablation as well as tips and tricks to approach lung, kidney, and bone tumors.

Each workshop will include a theoretical part of 45 minutes with case presentations, followed by a 45 minutes ‘hands-on’ part with different RF generators and electrodes.

---

Test-Driving your Workstation

**Coordinators:**
- D. Caramella; Pisa/IT
- W.J. Niessen; Rotterdam/NL
- B.M. ter Haar Romeny; Eindhoven/NL

**Speakers:**
- W.J. Niessen; Rotterdam/NL
- H.-O. Peitgen; Bremen/DE
- P. Suetens; Leuven/BE

Diagnostic workstations are the ‘super-assistants’ of the modern radiologist. Each year, new applications are added to the repertoire. The radiological end-user not only has the responsibility to deliver quality work to his/her patient, he/she also has the responsibility to understand what is under the hood of the programme (‘how does it actually work?’). He/she should be able to judge the relative merits of the applications, by comparing different solutions, and estimate the importance of constraints, like the number of false-positives in CAD, the error sources in quantitative analysis, and object definition problems in 3D visualisations.

This workshop gives a state-of-the-art overview, focusing on insight and experience in a range of powerful workstation applications.

---

**Learning Objectives**
1. To describe approaches and methods that can improve outcome or decrease the chance of complications in liver, lung, kidney and bone RF ablation.
2. To learn how to handle different equipment and electrodes available for RF ablation.
3. By the end of the workshop the participants should have a good understanding of the spectrum of RF techniques and be aware of some key clues for proper clinical application.

**Registration**
The number of participants for each session is restricted. Participants need to register in advance [http://myESR.org] as of November 1, 2007, and have to pay a fee of € 30.

**Time Schedule**

**Saturday, March 8**
- WS 623 10:30–12:00 Basic
- WS 723 14:00–15:30 Advanced

**Sunday, March 9**
- WS 1023 10:30–12:00 Basic
- WS 1123 14:00–15:30 Advanced

---

Hands-on Workshops

**Learning Objectives**
1. To describe approaches and methods that can improve outcome or decrease the chance of complications in liver, lung, kidney and bone RF ablation.
2. To learn how to handle different equipment and electrodes available for RF ablation.
3. By the end of the workshop the participants should have a good understanding of the spectrum of RF techniques and be aware of some key clues for proper clinical application.

**Registration**
The number of participants for each session is restricted. Participants need to register in advance [http://myESR.org] as of November 1, 2007, and have to pay a fee of € 30.

**Time Schedule**

**Saturday, March 8**
- WS 623 10:30–12:00 Basic
- WS 723 14:00–15:30 Advanced

**Sunday, March 9**
- WS 1023 10:30–12:00 Basic
- WS 1123 14:00–15:30 Advanced

---
For the first time ever, in 2008, ECR will present a ‘Workstation Face-Off’ session at the annual meeting in Vienna.

More so than ever before, radiology in 2008 requires radiologists to be able to deal with various 3D applications and large data volumes. For many applications, state-of-the-art workstations are mandatory. All major vendors offer an ample variety of hardware and software, and it is often difficult to recognise the comparative strengths and weaknesses of different equipment. The new Face-Off session will allow you to get an impression of the 3D capabilities provided by the latest workstation technology.

Several workstations from GE, Philips, Siemens, Terarecon, Toshiba and Vital Images will be set up on stage next to each other, and cases provided by the ESR will be demonstrated. The cases will include large volume datasets like CT angiography of the heart, CT colonography, CTA of the carotids, and a peripheral run off CTA.

The aim of this session is to simulate a realistic ‘reading room’ atmosphere and to give an impression of how different workstations perform in a clinical scenario. We would like to cordially invite you to attend this ‘competition’ of post processing.
Satellite Symposium organised by Bayer Schering Pharma

Friday, March 7, 14:00-15:30
Diagnostic imaging and patient safety
Moderator: B. Marincek; Zurich/CH
- Update and facts on NSF
  D. Weishaupt; Zurich/CH
- Recommendations how to avoid CIN
  P. Persson; Berlin/DE
- Safety of MR procedures
  G.P. Krestin; Rotterdam/NL

Satellite Symposium organised by Siemens

Saturday, March 8, 14:00-15:30
Revisiting routine MRI:
State-of-the-art orthopedics and oncology imaging
Moderator: F.A. Fellner; Linz/AT
- From routine imaging to early osteoarthritis detection
  S. Werlen; Berne/CH
- Improving the clinical workflow with TimCT oncology
  A.-O. Schäfer; Freiburg/DE

Satellite Symposium organised by Bracco

Saturday, March 8, 10:30-12:00
Programme to be announced

Satellite Symposium organised by GE Healthcare

Saturday, March 8, 12:30-13:30
Re-imagine diagnostic X-ray with new volumetric applications
Moderator: L. Katz; Buc/FR
- VolumeRad: Our initial experiences with digital volumetric imaging in the acute setting
  S. Phillips; Bridgend/UK
- VolumeRad: Clinical experience with 3D X-ray imaging in a chest setting
  J. Vikgren; Göteborg/SE
- Digital breast tomosynthesis: Clinical experience, potential benefits and challenges
  C. di Maggio; Padova/IT

Satellite Symposium jointly organised by Bracco

Saturday, March 8, 12:30-13:30
Programme to be announced

Satellite Symposium organised by Siemens

Saturday, March 8, 12:30-13:30
Programme to be announced

Satellite Symposium organised by Bayer Schering Pharma

Saturday, March 8, 14:00-15:30
Changing patient management
Moderator: B. Hamm; Berlin/DE
- MRI in multiple sclerosis management
  K.-O. Løvblad; Geneva/CH
- Therapeutic decisions for patients with liver lesions
  C. Bartolozzi; Pisa/IT
- Treatment decisions for patients with PAOD III-IV
  W.A. Willinek; Bonn/DE
- Managing the CAD patient based on CTA
  C.R. Becker; Munich/DE

Satellite Symposium organised by Carestream Health

Sunday, March 9, 10:30-12:00
Mammography in transition: Exploring the key trends
Moderator: C. Varian; Hemel Hempstead/UK
- Physical aspects of digital mammography
  R. Schätzing; Rochester, NY/US
- Digital screening at "Schwarzer Bär" in Hannover
  R. Rathmann; Hannover/DE
- Digital screening mammography in Finland
  J. Karhu; Helsinki/FI
- Clinical aspects of digital mammography
  U. Bick; Berlin/DE

Satellite Symposium organised by GE Healthcare

Sunday, March 9, 10:30-12:00
Programme to be announced

Satellite Symposium organised by Siemens

Sunday, March 9, 12:30-13:45
Facing the challenges of the increasing population of high-risk patients in CT practice:
Recognising the problem, improving outcomes and reducing the risks
Moderator: E.K. Fishman; Baltimore, MD/US
- Introduction
  E.K. Fishman; Baltimore, MD/US
- Optimising practice efficiency and patient care
  F. Stacul; Trieste/IT
- Hydration protocols and contrast agent selection:
  Insights into the latest evidence
  M. Downes; Canterbury, Kent/UK
- Practical strategies for improving CT and cardiac CTA outcomes in high-risk patients
  E.K. Fishman; Baltimore, MD/US
- Discussion
Satellite Symposium organised by Hitachi
Sunday, March 9, 12:30-13:30
Realtime tissue elastography: Stretching diagnostic boundaries – myth or valuable clinical tool?
Moderator: F. Frauscher; Innsbruck/AT

Programme to be announced

Satellite Symposium organised by Bracco
Sunday, March 9, 12:30-13:30
From words to blows: The clinical evidence of contrast enhanced ultrasound modality
Moderator: C. Bru; Barcelona/ES

- Clinical guidelines: The consensus opinion of experts on the role of contrast enhanced ultrasound (CEUS) modality
  R. Lencioni; Pisa/IT
- Focal liver lesions (FLL): The clinical value of CEUS in colorectal cancer patients
  S.D. Yarmenitis; Iraklion/GR
- The German opinion about the role of CEUS in FLL: Results from a large multicenter clinical trial (DEGUM study)
  D. Strobelt; Erlangen/DE
- The French opinion about the role of CEUS in FLL: Results from a large multicenter clinical trial (STIC study)
  F. Tranquart; Tours/FR

Satellite Symposium organised by Philips
Sunday, March 9, 12:30-13:30
Programme to be announced

Satellite Symposium organised by Hologic
Sunday, March 9, 14:00-15:30
Programme to be announced

Satellite Symposium organised by Toshiba
Sunday, March 9, 14:00-15:30
Programme to be announced

Satellite Symposium organised by Toshiba
Monday, March 10, 12:30-13:30
Programme to be announced

Satellite Symposium organised by Guerbet
Monday, March 10, 12:30-13:30
From kinetic stability to patient benefits
Moderator: J. Barkhausen; Essen/DE

- Introduction and symposium objectives
  J. Barkhausen; Essen/DE
- Kinetic stability: The Gordian knot of MRI?
  R. Muller; Mons/BE
- Future place of iterative MRI in the follow-up of breast cancer
  R. Hammerstingl; Frankfurt a. Main/DE
- Kinetic stability: Clinical benefits in MRA
  J. Barkhausen; Essen/DE
- Discussion and conclusion
  J. Barkhausen; Essen/DE

Industry Hands-on Workshop organised by Carestream Health
to be held at the Tech Gate Vienna
Saturday, March 8 and Sunday, March 9
Digital Mammography Workshop ‘Fit for Screening’
Run in conjunction with Radboud University Nijmegen/NL

Industry Hands-on Workshop organised by Philips
to be held at the Tech Gate Vienna
Sunday, March 9
Programme to be announced
Committees and Topic Coordinators

PRELIMINARY PROGRAMME

The only scientific journal for €10 – online
The only scientific journal for €70 – in print

No European Radiology?
No thanks!

myESR.org/european_radiology
Committees and Topic Coordinators

ESR EXECUTIVE COUNCIL

ESR President
A. Adam; London/UK

ESR 1st Vice-President
I.W. McCall; Shropshire/UK

ESR 2nd Vice-President
G. Frija; Paris/FR

Members
A.L. Baert; Leuven/BE
J.I. Bilbao; Pamplona/ES
L. Bonomo; Rome/IT
E. Breatnach; Dublin/IE
L. Donoso; Sabadell/ES
G.P. Krestin; Rotterdam/NL
B. Marincek; Zurich/CH
Y. Menu; Le Kremlin-Bicêtre/FR
A. Palkó; Szeged/HU
M.F. Reiser; Munich/DE
B. Silberman; Paris/FR
M. Szczerbo-Trojanowska; Lublin/PL
P. Baierl; Vienna/AT

Congress President
M.F. Reiser; Munich/DE

1st Congress Vice-President
B. Marincek; Zurich/CH

2nd Congress Vice-President
M. Szczerbo-Trojanowska; Lublin/PL

PROGRAMME PLANNING COMMITTEE

Postgraduate Educational Programme
Chairman:
M. Szczerbo-Trojanowska; Lublin/PL

Members:
A.M. Davies; Birmingham/UK
M.I. Furmanek; Warsaw/PL
R. Lencioni; Pisa/IT
P.K. Prassopoulos; Alexandroupolis/GR
C. Roche; Galway/IE
V.E. Sintjens; Moscow/RU
M.M. Thurnher; Vienna/AT
J. Villar; Valencia/ES

Scientific Papers
Chairman:
Y. Menu; Le Kremlin-Bicêtre/FR

Members:
U. Bick; Berlin/DE
I.M. Björkman-Burtscher; Lund/SE
S.J. Golding; Oxford/UK

Scientific Exhibition (EPOS™)
Chairman:
B. Hamm; Berlin/DE

Members:
O. Akhan; Ankara/TR
R. Hermans; Leuven/BE

Categorical Courses
Coordinators:
C. Catalano; Rome/IT
M. Prokop; Utrecht/NL
S.O. Schönberg; Mannheim/DE
A. Tardivon; Paris/FR

E³ – Interactive Teaching Sessions
Coordinator:
J. Cáceres; Barcelona/ES

Foundation Course
J.-I. Bilbao; Pamplona/ES

Interactive Teaching Course
J. Cáceres; Barcelona/ES

E-Learning
D. Caramelli; Pisa/IT
P. Pokieser; Vienna/AT

Cases-of-the-day
A. Palkó; Szeged/HU

Physics Programme
J. Damilakis; Iraklion/GR

Image Interpretation Quiz
A. Watkinson; Exeter/UK

Junior Image Interpretation Quiz
H.J. Michaely; Mannheim/DE

Evaluation
K. Kinkel; Chêne-Bougeries/CH

Liaison ‘European Radiology’
A.L. Baert; Leuven/BE

Technical Exhibition
B. Marincek; Zurich/CH

TECHNICAL EXHIBITION COMMITTEE

Members
P. Baierl, Executive Director; ESR
A. Baccarini, GE Healthcare
C. Burm, AGFA HealthCare
M.C. Cedrini, Bracco
Z. Dakic, Philips Medical Systems
N. Denjoy, CDIR
J. Kulla, Siemens Medical Systems
R. Wies, IPCAA

Supporting Members
4-Star level:
Agfa
Bayer Schering Pharma
Bracco
Carestream Health
GE Healthcare
Hitachi
Philips Medical Systems
Siemens

2-Star level:
Az Corp.
Shimadzu
Vital Images
SCIENTIFIC SUBCOMMITTEES

Abdominal and Gastrointestinal
Chairmen:
T.K. Helmberger; Lübeck/DE
W. Schima; Vienna/AT

Members:
N. Elmas; Izmir/TR
K.A. Herrmann; Munich/DE
A. Laghi; Latina/IT
P. Lefere; Roeselare/BE
D.J. Lomas; Cambridge/UK
D.E. Malone; Dublin/IE
G. Morana; Treviso/IT
B. Op de Beeck; Antwerp/BE
N. Papanikolaou; Iraklion/GR
J. Puig Domingo; Sabadell/ES
A.-S. Rangheard; Le Kremlin-Bicêtre/FR
J. Stoker; Amsterdam/NL
I. Távora; Lisbon/PT
C. Triantopoulou; Athens/GR
V. Válek; Brno/CZ
D. Weishaupt; Zurich/CH

Breast
Chairman:
R. Chersevani; Gorizia/IT

Members:
S. Barter; Bedford/UK
C. Boetes; Nijmegen/NL
G. Esen; Istanbul/TR
C.K. Kuhl; Bonn/DE
P. Skaane; Oslo/NO
M. Torres Tabanera; Madrid/ES
A. van Steen; Leuven/BE
B. Vitak; Linköping/SE

Cardiac
Chairman:
M. Pasowicz; Krakow/PL

Members:
T. Bader; Vienna/AT
R. Fatton; Bologna/IT
C. Herzog; Munich/DE
N.L. Kelekis; Athens/GR
A.J.B.S. Madureira; Porto/PT
G. Roditi; Glasgow/UK
R. Soler; La Coruña/ES
P.M.A. van Objen; Groningen/NL

Chest
Chairman:
C. Schaefer-Prokop; Amsterdam/NL

Members:
W. De Wever; Leuven/BE
G. Ferretti; Grenoble/Fr
F. Gleeson; Oxford/UK
M. Herman; Olomouc/CZ
N. Howarth; Chêne-Bougeries/CH
A.R. Lanci; Rome/IT
I.E. Tyurin; Moscow/RU
D. Wormanns; Berlin/DE

Computer Applications
Chairman:
E.R. Ranschaert; ’s-Hertogenbosch/NL

Members:
A. Abildgaard; Oslo/NO
K. Foord; St. Leonards-on-Sea/UK
P. Mildenberger; Mainz/DE
E. Pietka; Gliwice/PL
J. Reponen; Raahe/FI
P. Sacco; Siena/IT

Genitourinary
Chairman:
A. Magnusson; Uppsala/SE

Members:
C.S. Baileyguier; Villejuif/Fr
B. Brikjacic; Zagreb/HR
T.M. Cunha; Lisbon/PT
K. Darge; Würzburg/DE
J.J. Futterer; Nijmegen/NL
V. Lagager; Copenhagen/DK
J. McHugo; Birmingham/UK
M. Memarsadeghi; Vienna/AT

Molecular Imaging and Contrast Media
Chairman:
W. Semmler; Heidelberg/DE

Members:
J.D. Barrentsz; Nijmegen/NL
A. Bischof Delaloye; Lausanne/CH
C. Bremer; Münster/DE
E. Canet Soulas; Bron/Fr
C. Bremer; Bordeaux/FR
S.K. Marcos; Sheffield/UK
H.S. Thomsen; Herlev/DK
B. van Beers; Brussels/BE

Musculoskeletal
Chairman:
A. Cotton; Lille/FR

Members:
E. Llopis; Valencia/ES
C. Martinoli; Genoa/IT
A.R. van Erkel; Leiden/NL
F.M.H.M. Vanhoenacker; Antwerp/BE
K. Wörtler; Munich/DE

Head and Neck
Chairman:
C. Czerny; Vienna/AT

Members:
L. Akeson; Lund/SE
T. Beale; London/UK
M. Kebeler; Hannover/DE
B. Kress; Frankfurt/DE
M.M. Lemmerling; Gent/BE
F. Pameijer; Amsterdam/NL
M. Scaglione; Naples/IT
H. Thoeny; Berne/CH
A. Trojanowska; Lublin/PL

Interventional Radiology
Chairman:
R. Morgan; London/UK

Members:
P.E. Andersen; Odense/DK
E. Boullosa; Vigo/ES
B. Dolgushin; Moscow/RU
R. Gandini; Rome/IT
W.R. Jaschke; Innsbruck/AT
M. Köcher; Olomouc/CZ
S. Muller-Hulsbeck; Kiel/DE
M. Sapoval; Paris/FR

Committees and Topic Coordinators
# Committees and Topic Coordinators

## Neuro

**Chairman:**
G. Wilms; Leuven/BE

**Members:**
L. Biscoito; Lisbon/PT
J.-F. Bonneville; Besançon/FR
M. Essig; Heidelberg/DE
B. Gómez-Ansón; Barcelona/ES
K.-O. Løvblad; Geneva/CH
A. Rossi; Genoa/IT
R. Siemund; Lund/SE
E.T. Tali; Ankara/TR

## Physics in Radiology

**Chairman:**
K. Faulkner; Wallsend/UK

**Members:**
E. Atalar; Ankara/TR
H. Bosmans; Leuven/BE
S. Christofides; Nicosia/CI
C. Leidecker; Forchheim/DE
M. Tosetti; Pisa/IT
R. Wirestam; Lund/SE
U. Zdesar; Ljubljana/SI

## Pediatric

**Chairman:**
F.E. Avni; Brussels/BE

**Members:**
M.I. Argyropoulou; Ioannina/GR
J.-F. Chateil; Bordeaux/FR
J. Fonseca-Santos; Lisbon/PT
M.P. García-Peña; Barcelona/ES
C.J. Kellenberger; Zurich/CH
E. Kis; Budapest/HU
C. Owens; London/UK
G. Staatz; Erlangen/DE

## Vascular

**Chairman:**
C. Catalano; Rome/IT

**Members:**
T. Jargiello; Lublin/PL
A.F. Kopp; Tübingen/DE
C. Loewe; Vienna/AT
L. Lönn; Copenhagen/DK
H.I. Manninen; Kuopio/FI
Z. Morvay; Szeged/HU
T. Sabharwal; London/UK
D.K. Tsetis; Iraklion/GR

## TOPIC COORDINATORS

### Categorical Courses

**MRI**
S.O. Schönberg; Mannheim/DE

**Breast**
From Basics to Advanced Imaging
A. Tardivon; Paris/FR

**Multidetector CT Made Easy**
C. Catalano; Rome/IT
M. Prokop; Utrecht/NL

**Mini Courses**

**Molecular Imaging**
O. Clément; Paris/FR

**Women’s Imaging: Female Pelvis**
H. Hricak; New York, NY/US

## E³-European Excellence in Education

**Foundation Course:**
Interventional Radiology
J.-I. Bilbao; Pamplona/ES

**Interactive Teaching Course:**
Useful Signs in Imaging
J. Cáceres; Barcelona/ES

**Interactive Teaching Sessions**
J. Cáceres; Barcelona/ES

**Breast Imaging**
T.H. Helbich; Toronto, ON/CA

## Hands-on Workshops

**Image Guided Breast Biopsy:**
How to do it
C.S. Balleyguier; Paris/FR
T.H. Helbich; Toronto, ON/CA

**Experience Vascular Procedures Using Simulators**
T. Sabharwal; London/UK

**Tips and Tricks in Radiofrequency Ablation**
R. Lencioni; Pisa/IT

**Test-Driving your Workstation**
D. Caramella; Pisa/IT
W.J. Niessen; Rotterdam/NL
B.M. ter Haar Romeny; Eindhoven/NL

**1st Workstation Face-Off Session**
A. Graser; Munich/DE
ECR 2008 Dignitaries

Prof. Dr. Albert L. Baert
Leuven/BE
Lifetime Achievement Award

Albert L. Baert is Professor Emeritus met opdracht and the current editor-in-chief of European Radiology, which he has made into the distinguished journal it is today. He has been professor of radiology and chairman of the Department of Radiology of Leuven University from 1971 to 1997. Acclaimed for his work in both peripheral angiography and abdominal CT, he has largely contributed to the development of radiology in Europe. He was ECR President in 1995 and ECR Gold Medallist in 1999. At ECR 2008, he will receive a Lifetime Achievement Award.

Prof. Dr. Nicholas Gourtsoyiannis
Iraklion/GR
Gold Medallist

Nicholas Gourtsoyiannis has been professor and chairman of the Department of Radiology of the University of Crete since 1990. He has served as the first Medical Director at the University Hospital of Crete and two terms as Dean of the Faculty of Medicine of the University of Crete. He was President of ECR in 2003, President of EAR from 2004 to 2007, and was the first President of the European Society of Radiology. He is the founder and scientific director of the European School of Radiology. At ECR 2008, he will be awarded the Gold Medal of the European Society of Radiology.

Prof. Dr. Jürgen Hennig
Freiburg/DE
Honorary Lecturer

Jürgen Hennig is one of the leading scientists in the methodological development of magnetic resonance. He is co-chairman and scientific director of the Department of Radiology at the University Hospital Freiburg. Among other functions and affiliations he has been scientific director of the European Institute for Biomedical Imaging Research (EIBIR) since 2006. At ECR 2008, he will present the Wilhelm Conrad Röntgen – Honorary Lecture entitled ‘Pushing the speed limits in MR imaging’.

Prof. R. Gilbert Jost, M.D.
St. Louis, MO/US
Honorary Member

R. Gilbert Jost has been the director of the Mallinckrodt Institute of Radiology (MIR), Washington University School of Medicine in St. Louis, Missouri, since 2001, and has been professor of radiology since 1985. He is the current President of the Radiological Society of North America (RSNA). As a pioneer in the development of technology in the practise of radiology, he will be awarded Honorary Membership of the European Society of Radiology at ECR 2008.
Prof. Frederick S. Keller, M.D.
Portland, OR/US
Honorary Member

Director of the Dotter Interventional Institute of the Oregon Health and Science University (OHSU) since 1993, Frederick S. Keller is the Cook Professor of Interventional Therapy, medical director of the Department of Interventional Radiology, professor of surgery and chair of the Department of Diagnostic Radiology at OHSU. At ECR 2008, he will be awarded Honorary Membership of the European Society of Radiology.

Prof. Dr. Lizbeth M. Kenny, MBBS
Brisbane, QLD/AU
Honorary Member

Lizbeth M. Kenny is a senior radiation oncologist at Cancer Care Services, The Royal Brisbane and Women’s Hospital, and Director of Cancer Services for the Central Area Health Service, Queensland. She is currently the President of the Royal Australian and New Zealand College of Radiologists and has previously been the Dean of the Faculty of Radiation Oncology, RANZCR. At ECR 2008, she will be awarded Honorary Membership of the European Society of Radiology.

Prof. Dr. Christiane K. Kuhl
Bonn/DE
Honorary Lecturer

Christiane K. Kuhl has been professor of radiology and vice chairman of the radiological department, as well as director of the Division of Oncologic Imaging and Interventional Therapy, at Bonn University since 2004. She was the first woman to receive the European Magnetic Resonance Award (2006). At ECR 2008, she will present the Peter E. Peters – Honorary Lecture entitled ‘New paradigms in breast imaging’.

Prof. Dr. Ernst Pöppel
Munich/DE
Inaugural Lecturer

Ernst Pöppel has been the head of the Institute of Medical Psychology since 1977, and of the Human Science Centre since 1997, both at Munich University. He has been professor of medical psychology since 1976. He has previously worked at several Max-Planck-Institutes and at the MIT in Cambridge/US and was director in the Forschungszentrum Jülich between 1992 and 1997. At ECR 2008, he will present the Inaugural Lecture ‘Images in the brain – pictures in the eyes’.

Prof. James H. Thrall, M.D.
Boston, MA/US
Honorary Lecturer

James H. Thrall has been the radiologist-in-chief at Massachusetts General Hospital and has served as the Juan M. Taveras Professor of Radiology at Harvard Medical School since 1998. He currently also serves as a trustee of the Massachusetts General Physicians Organization and chairs the Executive Committee of the Harvard Departments of Radiology. At ECR 2008, he will present the Josef Lissner – Honorary Lecture entitled ‘The coming of age of imaging in biomedical research’.

Dignitaries
JOIN EIBIR!
The European Institute for Biomedical Imaging Research

Biomedical imaging research institutes are encouraged to join this pan-European network and to fill in the application form on the website.

Mission
- To promote networking activities within Europe and to create synergies and a culture of cooperation between all European institutions involved in biomedical imaging.

Benefits for Members
- Access to comprehensive database of all participating research institutions (currently over 200)
- Establishment of topic-oriented sub-networks among the members, such as image processing, cellular imaging, a probe development platform etc.
- Exchange and dissemination of good practice
- Support in EU grant application and proposal writing
- Exchange of researchers
- Research training
- Coordination, monitoring, data management of multi-centre trials
- Career Forum

Over 200 institutes have already joined!
VISITING SCHOOLS

GALEN Foundation Courses
5 courses per year, aimed at residents in their 1st, 2nd or 3rd year of training in radiology
- topics: Abdominal/Genito-Urinary, Chest/Cardiovascular, Neuro/Musculoskeletal, Paediatric Radiology, Oncologic Imaging
- presented by renowned European faculties
- organised jointly with GE Healthcare Medical Diagnostics
- in countries throughout South-East Europe

AIMS – Advanced Imaging Multimodality Seminars
6 courses per year, in cooperation with the Chinese Society of Radiology
- programme delivered by European and Chinese speakers
- organised in various Chinese cities
- with great support of Bracco International

**NEW** Advanced Courses on Cross-Sectional Imaging
four courses per year, aimed at residents in their 4th, 5th or 6th year of training in radiology
- topics: Abdominal, Cardiac, Chest/Musculoskeletal, Urogenital, Women’s Imaging
- kindly supported by GE Healthcare

VISITING SCHOLARSHIP
12 scholarships per year, aimed at residents in their 3rd, 4th or 5th year of training in radiology
- topics: Abdominal Radiology, Breast Imaging, Contrast Ultrasound, MR Imaging, Multi-detector CT, Paediatric Radiology
- intense 3 months of modular training
- at a highly esteemed academic training centre throughout Europe
- realised in cooperation with Bracco International

FELLOWSHIP ON CARDIAC IMAGING
8 fellowships per year, aimed at residents in their 4th, 5th or 6th year of training in radiology
- in cooperation with the European Society of Cardiac Radiology (ESCR)
- intense 2 months of training on one selected topic
- held at selected centres of reference throughout Europe

ELECTRONIC TEACHING AND E-LEARNING

ESR/ESOR Office
Neutorgasse 9/2a
1010 Vienna, Austria
Phone: (+43 1) 533 40 64-521
Fax: (+43 1) 535 70 37
Email: info@esor.org

All ESOR Activities are exclusively for ESR members.

Further information and current updates on all activities of ESOR are available on the ESR website http://myESR.org/isor
ECR 2008 welcomes you to ‘ECR City’!

ECR spreads out to ‘ECR City’
In 2007, ECR saw tremendous enlargement of its technical exhibition, expanding to 25,000 m². For ECR 2008 there has been an increased demand for exhibition space and we have already confirmed more space than at the same time in 2007.

At the moment, there are substantial changes and refurbishments being carried out at the Austria Center, in order to make it even more attractive to all participants. With the additional expansion into many surrounding locations, which will be used for hands-on workshops, training sessions and company events, we can now truly call the congress venue around the Austria Center ‘ECR City’!

ESR welcomes its Supporting Members
ESR gives a warm welcome to all its supporting membership companies! They contribute to the success of the society and its congress with their continuous support for the cause of radiology in Europe. Along with Agfa, Bayer Schering Pharma, Bracco, Carestream Health, GE Healthcare, Hitachi, Philips Medical Systems and Siemens (all four-star supporting members), Az Corp., Shimadzu and Vital Images have now confirmed their two-star supporting membership. Welcome!

‘ESR meets’ countries
Already kind of a tradition, ECR will place a special focus on its ‘ESR meets’ countries – in 2008 namely India, Israel and Germany – with particular emphasis on their scientific and technological developments. Active exhibitors see the ‘ESR meets’ programme as an opportunity to strengthen their own marketing activities, or to make first business contacts. ESR, industry companies and the national societies will work closely together to highlight these countries, and ESR will be present with a booth promoting their respective national congresses.

Media at ECR 2008 – ‘Free Publications’ initiative
Introduced at ECR 2007, the ‘Free Publications’ project – a collaboration with our partners in the publishing business – was especially well received and highly frequented by our visitors. Encouraged by this success, we will continue the project in 2008. Publishing houses have the opportunity to present their print and online media at this especially dedicated booth. Visitors can pick up free copies of magazines and browse through online journals and catalogues at computer terminals. Currently more than 40 print and 40 online journals have joined!

ESR Job Forum
In autumn 2007, ESR will begin providing yet another valuable service to its members, with the introduction of a new job forum. The idea is to create a platform for workers in the field of radiology to post their resumes and search for job opportunities, while hospitals, universities and industrial partners can browse for candidates and advertise their vacancies. The ESR Job Forum aims to be the primary point of reference for job seekers and providers in radiology from countries all over the world.

Visit www.myesr.org/jobforum today – Find out what the ESR Job Forum can do for you.
For any inquiries related to marketing and promotion opportunities for your company, please contact

Mr. Erik Barczik  
Phone: (+43-1) 533 40 64-48  
E-mail: erik.barczik@myESR.org

For bookings of meeting rooms, hospitality suites and event locations please contact

Ms. Katharina Ebner  
Phone: (+43-1) 533 40 64-520  
E-mail: katharina.ebner@myESR.org

For inquiries related to ‘Free Publications’ or the ESR Job Forum please contact

Ms. Evamaria Pomper  
Phone: (+43-1) 533 40 64-34  
E-mail: evamaria.pomper@myESR.org

For general planning, booking of floor space, approval of booth constructions contact

Technical Exhibition Management  
MAW – Medizinische Ausstellungs- und Werbegesellschaft  
Phone: (+43-1) 536 63/35/39/37  
Fax: (+43-1) 535 60 16  
E-mail: ecr@maw.co.at

Welcome to our Industry Partners
ECR 2008 – List of Exhibitors
as per November 6, 2007

3mensio Medical Imaging, NL
A.T.S. (Applicazione Tecnologie Speciali), IT
Adani, BY
Agfa-Gevaert, BE
Albatross Projects, DE
Alma IT Systems, ES
Aloka Holding Europe, CH
American College of Radiology, US
Angio Dynamics, US
Arcoma, SE
Array, NL
Aycan Digitalsysteme, DE
AZ Research + Devel., RU
Barco View, BE
Bard, UK
Bayer Schering Pharma, DE
Bingör Dis Tic, TR
Biodex Medical Systems, US
Biospace, FR
BMI Biomedical International, IT
Bracco, CH
Brainlab, DE
Braun B. Melsungen, DE
Campden Publishing, UK
Candelis, US
Canon Europa, NL
Carestream Health, UK
Cedara Software / Merge Healthcare, CA
Celon, DE
Chison Med. Imaging, CN
Codonics, US
Conferma, US
Contextvision, SE
Control-X Medical, HU
Covidien, IT
CPI International, CH
D.A.T.A -Automed + Wr. Krankenanstaltenverbund, AT
Diagnostic Medical Systems (DMS), FR
Diavision Computergraphik, DE
Digimed / Esinomed, DE
DIRA, DE
Dr. Goos-Suprema, DE
Dr. Sennewald Medizintechnik, DE
DTM Medical, DE
Dunlee Med. Comp., DE
Ebit Aet, IT
Econet Medical, KR
Edge Medical Devices, IL
Eizo Nanao, JP
ELCAN Optical Technologies, CA
EMD Technologies, CA
Esaote, IT
Etiam, FR
ETS-Lindgren, UK
European Telemedicine Clinic, ES
Evorad, GR
E-Z-EM, US
Faxitron X-Ray, US
Fluke Biomedical, US
Frohberg Buchhandlung, DE
Fuji Film (Europe), DE
Gammex-Rmi, DE
GE Healthcare, UK
General Medical Italy, IT
General Medical Merate (GMMI), IT
Gilardoni, IT
GIT Verlag / Hospital Post, DE
Gruppo Soluzioni Tecnologiche, IT
Guerbet, FR
Health Professionals International, NZ
Heraeus, DE
Hitachi Medical Systems Europe, CH
Hologic, US
Hoorn-Holland, NL
I.A.E. Industria Applicazioni Elettroniche, IT
iCAD, US
iEI Technology, CN
Image Diagnost Int., DE
Imaging Diagnostic Sys., US
Imedco, CH
IMS, IT
Infiniti, KR
Innomed Medical, HU
Instrumentarium Dental Paludex Group, FI
Intermedical Italia, IT
International Hospital Equipment & Solutions, BE
Intrasense, FR
Invivo, US
Italray, IT
Jungwon Precision, KR
List of Exhibitors

Kiran Medical Sys., IN
Konica Minolta Medical & Graphic Imaging, NL
Leidel & Kracht, DE
Linos Photonics, DE
Matrox Graphics, CA
MCI Optonix, US
MCKesson, CA
Mecall, IT
Med.E.Com, FR
Medex Loncin, BE
Median Technologies, FR
MedicaTech USA, US
Medicor Medical Supplies, BE
Medisight, Rapier Group, UK
Medis Medical Imaging Systems, NL
Medison, KR
Medrad Europe, NL
Medtron, DE
Mercury Comp.Sys., US (now: Visage Imaging, Inc., US)
Merge Healthcare, NL
Metaltronica, IT
Mindray, CN
Minerva, DE
MR-Schutztechnik, DE
NEC Display Solutions Europe, DE
Neusoft Medical Syst., CN
Nical, IT
Noras Röntgen- U. Medizintechnik, DE
Olympus Medical Systems Europe, DE
Pacioni F. & C., IT
Pacsgear, US
Pausch Technologies, DE
Peha Med. Geräte, DE
Philips Medical Systems, NL
Planar Systems, FI
Planmed, FI
Protec Medizintechnik, DE
PTW – Freiburg, DE
QR, IT
Quantum Medical Imaging, US
Radcal, US
Radiological Society of North America, US
Radiology Onesource Europe, BE
RamSoft, CA
RAPID Biomedical, DE
Raymed, CH
Reichert, DE
REM, IT
Rendoscopy, DE
Rimage Europe, DE
Rogan-Delft, NL
RTI Electronics, SE
Sanochemistry Diagnostics Deutschland, DE
Scanditronix Wellhöfer, DE
Schiller Medical, CH
Schulte Felix Gerätebau, DE
Sectra Imtec, SE
Sedecal, ES
Shantou Institute of Ultrasonic Instruments, CN
Shimadzu Deutschland, DE
Sidam, IT
Siemens Medical Solutions, DE
Siemens Display Technologies, DE
Sonoscape, CN
Sony Business Europe, UK
Soredex, FI
Springer Verlag, DE
Suisna Medical Sys., ES
Swiss Medical Care, CH
Swissray Medical, CH
Synthes, CH
Technix, IT
Telemed UAB, LT
Terarecon, US
Thales Electron Devices, FR
The Medipattern Corporation, US
Thieme Georg Verlag, DE
Toshiba Medical Systems Europe, NL
Totoku Electric, JP
Trivell, FR
Ulrich Medizintechnik, DE
Ultrasonix Medical, CA
Unfors, SE
Vacutec Meßtechnik, DE
Varian Medical Systems, NL
Vidar Systems, US
Villa Sistemi Medicali, IT
Visage Imaging, Inc., US
Visans, RS
Visus Tech. Transfer, DE
Vital Images, US
Wide, NL
Wiroma, CH
Wisepress Online Bookshop, UK
Xingaoyi Magnetism, CN
Xoran Technologies, US
X-Parts, FR
Ziehm Imaging, DE
Zonare Med. Systems, US
ESR Travel Service
Let Vienna become your second home

The ESR Travel Service is the easiest, fastest and safest way to book your hotel for your stay in Vienna, while allowing you to remain focussed on the Congress. Find the accommodation that suits you best at www.myESR.org/travelservice and feel right at home in the Austrian capital!

Only the ESR Travel Service guarantees you:
- best rates
- breakfast included
- easy online access
- widest choice of rooms
- hotels throughout Vienna

Launched in 2006, the ESR Travel Service has become more and more successful and now offers hundreds of rooms throughout Vienna. From the most elegant and stylish places to cosy hideaways, from lofty residences to unpretentious private guest houses – the ESR Travel Service provides everybody with an appropriate selection, and makes sure that each of our delegates have the most pleasant surroundings while attending the ECR.

This tool is supplied completely free of charge.

PLEASE NOTE THAT THERE ARE DUBIOUS PLATFORMS AND AGENCIES TO BE FOUND ON THE INTERNET, OFFERING SPECIAL RATES AND ROOMS WHICH DO NOT EXIST IN THE OFFERED FORM!

Therefore we strongly recommend that you book only via the official ESR Travel Service, which guarantees you safety, respectability, first-class service, and the best possible rates.

Your hotel room in Vienna is just a few clicks away at myesr.org!

The ESR Travel Service is reserved exclusively for individual bookings. A maximum of 5 rooms can be booked at the same time. For group bookings, please contact our official partner agency Mondial.

For individual bookings please refer to ESR Travel Service
Ms. Judith MARON
Neutorgasse 9
1010 Vienna, Austria
Phone: (+43 1) 533 40 64-0
Fax: (+43 1) 535 70 37
E-mail: travelservice@myESR.org

For group bookings, flights, tickets, etc. please refer to Mondial Congress – Official Travel Agency
Operngasse 20b
1040 Vienna, Austria
Phone: (+43 1) 588 04-0
Fax: (+43 1) 588 91 85
E-mail: ecr@mondial.at
Category Hotel

***** Das Triest
***** Do & Co Hotel Vienna
***** Grand Hotel Wien
***** Hilton Vienna Plaza
***** Hilton Vienna Stadtpark
***** Hotel Bristol
***** Hotel De France
***** Hotel Sacher
***** InterContinental Wien
***** Le Meridien Wien
***** Roomz Vienna Budget Design Hotel
***** The Ring
***** Arcotel Boltzmann
***** Arcotel Kaiserwasser
***** Arcotel Wimberger
***** Atlantis Hotel Vienna
***** Austria Trend Hotel Albatros
***** Austria Trend Hotel Ananas
***** Austria Trend Hotel Anatol
***** Austria Trend Hotel Astoria
***** Austria Trend Hotel Bosei
***** Austria Trend Hotel Donauzentrum
***** Austria Trend Hotel Europa Wien
***** Austria Trend Hotel Favorita
***** Austria Trend Hotel Messe
***** Austria Trend Hotel Rathauspark
***** Austria Trend Hotel Savoy Vienna
***** Austria Trend Parkhotel Schönbrunn
***** Best Western Hotel Jager
***** Best Western Hotel Reither
***** City-Hotel Deutschmeister
***** Courtyard by Marriot
***** Fleming’s Hotel Wien-Westbahnhof
***** Graben Hotel
***** Hilton Vienna Danube
***** Hotel & Palais Strudlhof
***** Hotel am Parkring
***** Hotel Arkadenhof
***** Hotel Bellevue
***** Hotel Capricorno
***** Hotel City Central
***** Hotel Erzherzog Rainer
***** Hotel Kavalier
***** Hotel Regina
***** Hotel Royal
***** Hotel Stefanie
***** Hotel Viennart
***** K+K Palais Hotel
***** Mercure Imlauer Nestroy Wien
***** Mercure Josefshof Wien
***** Mercure Secession Wien
***** Mercure Wien City
***** Mercure Wien Europaplatz
***** Mercure Wien Zentrum
***** NH Belvedere
***** NH Vienna Airport
***** Novotel Wien City
***** Sofitel Vienna
***** Starlight Suiten Hotel Renngasse
***** Starlight Suiten Hotel Salzgries
***** The Levante Laudon
***** The Levante Parliament
***** Tourotel Mariahilf Wien
***** Westbahn Hotel Wien
**** Art Hotel Vienna
**** City-Hotel Tabor
**** Hotel Pension Bleckmann
**** Hotel & Restaurant Hillinger
**** Hotel am Augarten
**** Hotel am Brillantengrund
**** Hotel Capri
**** Hotel Fürst Metternich
**** Hotel Graf Stadion
**** Hotel Lucia
**** Hotel Papageno
**** Hotel Restaurant Strebersdorferhof
**** Hotel Schweizerhof
**** Hotel Stadthalle
**** Hotel Wilhelmshof
**** Hotel Zipser
**** ibis Wien Mariahilf
**** KUNSThof
The **ESR Job Forum** connects job seekers and employers in radiology.

Enjoy another valuable benefit of your **ESR Membership**!

**New job?**

[myESR.org/jobforum]
Map

Description
To reach the ACV from the city centre (Stephansplatz) take the U1 underground line (red) to Vienna International Centre/Kaisermühlen and take the exit marked Schüttaustraße. Travelling time: approx. eight minutes.
Breathe in the City

Whether it is the need to get in touch with nature or to stretch your legs, go to a garden!

**Burggarten**, originally called ‘Court Garden’, was the Emperor’s private property until 1919. Today it is accessible to all directly from the Ring and features the only public statue of Franz Joseph I. An oasis of green in the heart of the city, it is noteworthy for its gorgeous glasshouse café, the Palmenhaus.

With 65,000 m² of grass and trees boarding the Ring, **Stadtpark** is remarkable for its Japanese-inspired pond, its delicate vegetation composed of ginkgos and Crowns of Thorns, and its statues representing illustrious musicians.

You may be astonished while walking through baroque **Augarten** when you are suddenly faced with two mountains of concrete. The Flak towers (Flaktürme), large anti-aircraft gun blockhouses, were used by the Luftwaffe during World War II. Augarten is also the home of the Vienna Boys’ Choir, the cultural association Filmarchiv Austria, and a porcelain factory.

Stretching over 6,000,000 m², **Prater** is Vienna’s biggest park. It was opened to the public in 1766 by Emperor Joseph II and its symbol is the Riesenrad, the giant wheel from which you can admire the city. Along its main alley, cafés, restaurants, an amusement park and an open air swimming pool punctuate an infinity of green.
A multiplicity of architectural styles has left their impressions on the Austrian capital. Baroque, classicism, Art Nouveau, but also postmodernism and Biedermeier, create a diversity that makes Vienna one of the aesthetically richest cities in Europe. Here is a short selection of some of the remarkable Viennese architectural achievements:

Traces of Historismus swarm around the Ring: from Romanticism (Kunsthistorisches Museum) to New Gothic (Rathaus, Votiv Kirche), almost every style has been revisited by Karl von Hasenauer and fellow imperial architects.

Secession and Kirche am Steinhof, designed by Joseph M. Olbrich and Otto Wagner respectively, have become the best known examples of Art Nouveau in the world.

Museumsquartier, a successful blend of old and new, was built between 1998 and 2001 in the former court stables, not without creating much controversy. It is a 60,000 m² large area, the eighth largest cultural area of the world and the favorite meeting point of Viennese bobos.

Designed by Friedensreich Hundertwasser, Hundertwasserhaus is a joyful fusion of colourful mosaics, irregular floor and walls, and natural elements. No wonder it has become one of Vienna’s most popular tourist attractions.
Shop in the City

Whether you want to bring souvenirs back home or you just crave shopping, Vienna has everything you want!

You will find an abundance of souvenir shops in the first district, the historical area of Vienna. Kärntnerstrasse, Graben and Kohlmarkt around St Stephen’s Cathedral are the best places to find a typical Viennese gift. Once there, waltzing between Chanel and Gucci, don’t forget to visit Hotel Sacher, source of the legendary Sachertorte, which you can purchase here.

Mariahilferstrasse, the long avenue stretching between Museumsquartier and Westbahnhof train station, is a paradise for budget shoppers. H&M, Zara, and Mango, but also Esprit, Diesel and Sisley rival for your custom on the street, as does probably the cheapest shop in the world: New Yorker.

Museumsquartier is a concentration of trendy and designers’ boutiques, not to mention gorgeous museums and art bookshops. Other avant-garde boutiques are to be found near Naschmarkt.

Mostly second hand shops swarm along Neubaugasse. Charity shops like Caritas also have interesting and cheap items, depending on the delivery.
Travel in the City

Time may prevent you from enjoying a walk in Vienna. In that case, 3 possibilities remain to let you enjoy 'cityseeing':

**Tramway**, the old fashioned way of travelling through the city, has remained very popular in Vienna. From the first horse lane created in 1865, the 'Strassenbahn' has developed into a network of more than 30 lines, some of them still using antique cars.

With a cycle path network of 1,000 km, Vienna is a cyclists’ paradise. In 2005 alone, 1 million cyclists were recorded in the Austrian capital. No wonder then that the concept of **renting bikes for free** encountered such a roaring success here. Launched in 2005, Citybike attracted 45,000 users and totalled 200,000 rides in its first year of existence.
The idea is simple: enter your credit card number and chose a password at one of the 48 Citybike terminals, ride, and bring back the bike to any of the terminals within the hour. Except for the one Euro the initial subscription will cost you, the whole thing is completely free!

Time travel amateurs, hop on board a **Fiaker**! Climb in at the foot of St Stephen's cathedral or in front of the national library and keep your eyes open. Tours of 20 and 40 minutes are offered.
Who said one should restrict oneself to streets and parks alone while visiting Vienna? A traditional way of spending a Sunday afternoon for locals, walking along the quiet paths of a Viennese cemetery, is an excellent way to have a break from the noisy world of the living …

Opened in 1874, the Zentralfriedhof in Simmering has attracted crowds of visitors ever since, thanks to its famous tenants: from artists – Strauss father and son, Brahms, Beethoven, Schubert, but also Helmut Qualtinger and Falco – to politicians, hundreds of local celebrities rest here.

Established in 1784, the St Marx Friedhof was the original VIPs’ last home before most of them were moved to Zentralfriedhof. However, St Marx managed to keep THE most famous Austrian: Wolfgang Amadeus Mozart. Although the musician is buried somewhere in this cemetery, the exact location is unknown; the current monument and ‘grave’ are the results of an educated guess, the belief being that Mozart was dumped into a mass grave for paupers … The place is also remarkable for its vegetation, especially lilacs.

Another noteworthy Viennese cemetery is the Grinzinger Friedhof, where visitors can pay tribute to Austrian writer and playwright Thomas Bernhard (1931–1989). His grave, a staging of disappearance inspired by his last novel ‘Extinction’, features a wrought-iron cross with a tin box.
Savour in the City

Wondering where to find oriental flair, eastern European magnetism and Mediterranean allure all in the same place? Vienna’s markets, lifeblood of their districts, provide the cosmopolitan flavour you have been looking for.

Naschmarkt is the most flamboyant of Vienna’s 26 permanent markets. Established in the 16th century, this 1.5 km long market is at the heart of one of the city’s most interesting districts in terms of architecture and culture. Culinary specialties, ranging from Japanese sushi and Indian tandoori chicken to kebabs and oysters, but also trendy bar restaurants like Naschmarkt Deli and Doan, burst out of the market’s narrow alleys. Bargain hunters will also appreciate the adjacent Saturday flea market.

A few minutes away from the city centre, Karmelitermarkt is an old-style local market experiencing a second life. A growing number of bars, studios and galleries have come to resuscitate the old-fashioned fruit and vegetable stalls, giving the place an intriguing split personality.

A little further west, Brunnenmarkt is a lively, colourful and newly fashionable market in the centre of the Turkish district. Numerous young artists have established themselves in the surrounding area, making it one of the most exciting neighbourhoods in Vienna.
Entering one of Vienna’s famous temples of music, you will immediately be enchanted by a magnificent ambience that provides the perfect setting for an afternoon, or an evening, to be whiled away in the realms of Euterpe …

At the **Konzerthaus**, let yourself get carried away by the mastery of the great pianist Elisabeth Leonskaja and her interpretations of Ludwig van Beethoven’s sonatas; listen to the Wiener Bläserphilharmonie conducted by Zubin Mehta, performing works by Wolfgang Amadeus Mozart and Joseph Haydn; or indulge in the art of Russian composers Sergei Prokofiev, Sergei Rachmaninoff and Dmitri Shostakovich, as played by famous pianist Rudolf Buchbinder accompanied by the Radiosymphonie-Orchester Vienna.

At the **Musikverein**, the Radiosymphonie-Orchester Vienna under Yutaka Sado will bring to you symphonies by Joseph Haydn and Leonard Bernstein. On another evening meet the legendary conductor Nikolaus Harnoncourt and his Concentus Musicus together with the renowned Arnold Schoenberg Chor as they perform Johann Sebastian Bach’s Passio secundum Johannem.

On a literally different note, you should visit one of Vienna’s atmospheric places of Jazz … Drop in at the cosy **Porgy & Bess** or the cool **Birdland**, and bid a last farewell to its celebrated late owner, the one and only Joe Zawinul.
A feast for your eyes ...

See for yourself if it isn’t true that Vienna offers an incredible variety of museums of all kinds, displaying everything from the most famous paintings in the world to masterpieces of design to spectacular artefacts and astonishing paraphernalia.

The Kunsthistorisches Museum, which is permanent home to paintings by Raphael, Titian, Caravaggio, Tiepolo, Bruegel, Rubens, Rembrandt, Dürer and Velázquez amongst others, presents a special exhibition on the great Arcimboldo.

At the Albertina you will have the most fascinating encounters with marvellous artists such as Claude Monet, Pierre-Auguste Renoir, Paul Cézanne, Edgar Degas, Marc Chagall, Pablo Picasso, Amedeo Modigliani, Joan Miró, Henri Matisse, Wassily Kandinsky, René Magritte, Paul Klee, Roy Lichtenstein and Francis Bacon.

In remembrance of the great German painter, the Sammlung Essl will portray Jörg Immendorf and his work in a special exhibition, whereas at the Belvedere, a unique Baroque ensemble of gardens and palaces, you may discover the originality and beauty of the art of Oskar Kokoschka.

And don’t miss the MUMOK, the MAK, the KunstHausWien and the Leopold Museum to learn more about Austrian art of the 20th and 21st centuries.
Whenever one thinks about Vienna as a centre of music, there is one predominant thought in everybody’s mind – the opera. This year again, this city will strive to fulfil the highest expectations of all the lovers of this very special theatrical art.

True to its outstanding reputation, the Vienna State Opera, the grand old lady amongst the opera houses of the world, offers the very best of the classical variety. Les Contes d’Hoffmann by Jacques Offenbach will carry you away into the Germany and Italy of 1800; Giacomo Puccini’s La Bohème, one of the most touching and tender love stories of the opera, will captivate everybody with its tragic charm; and the great Zubin Mehta will conduct a new production of Giuseppe Verdi’s beautiful La forza del destino.

The Theater an der Wien invites you to its première of Medée, an 18th century opera by Luigi Cherubini, portraying the fascinating, inwardly torn ancient heroine with sombre greatness. Fabio Luisi will conduct the Vienna Symphony Orchestra and the marvellous Arnold Schoenberg Chor.

For a new approach to the operatic art visit the Wiener Kammeroper (Vienna Chamber Opera). Blond Eckbert by the young English composer Judith Weir introduces us to her multi-faceted and enigmatic music that perfectly conveys the spirit of German Romanticism of Luwig Tieck’s fairy-tale novella.
There are only a handful of cities throughout the world that offer such great variety and high quality when it comes to theatre. From classic plays by the most famous writers to contemporary views on society’s problems, from traditional staging to living theatre, to mime corporel – Vienna’s drama scene is sure to cater to every taste.

The Burgtheater has been amongst the most important theatres in Europe since the early 1800s. The magnificent ensemble, under its world-famous leading team, provides a high-class programme including classics and contemporary pieces, as well as experimental theatre and readings.

The Volksbühne, founded in 1889 by prominent Viennese citizens as a civil counterpart to the imperial Burgtheater, still cherishes its traditional programme of exciting interpretations of the classics, regular new productions of Nestroy’s and Raimund’s plays, and numerous premières of contemporary dramas.

The Theater in der Josefstadt is one of Vienna’s foremost stages for spoken theatre, concentrating on contemporary takes on modern classics with a focus on Austrian playwrights.

The so-called off-scene, with its numerous smaller stages and unconventional venues, is as diverse and lively as they come. On any given day you will find at least twenty different productions representing the widest possible range of the art of theatre.

A feast of emotions …
It is a well-known fact that Vienna has always been home to some of the greatest minds in arts and science. The traces of some of them and the power of their spirit are still discernible today, at their places of work or residence.

At the Mozarthaus Vienna, one can visit the apartment where this great musical genius lived in grand style from 1784 to 1787. It was right here that he wrote some of his most famous works, including the inimitable Le Nozze di Figaro. On four floors, the exhibition focuses on his years in Vienna, which marked a high point in Mozart’s creativity.

At one of the best known addresses in the world of science, Berggasse 19, you may enter the former living quarters and office of the founder of psychoanalysis. The Sigmund Freud Museum presents original furnishings, a selection from Freud's collection of antiquities, as well as signed copies and first editions of his works, providing a glimpse into Freud's biography, his cultural environment, and the development of psychoanalysis.

The Arnold Schoenberg Center was founded in 1897 to preserve the memory of this true master of modern music. The collection contains approximately 9,000 pages of musical manuscripts, 6,000 pages of text manuscripts and 3,500 historical photos, as well as personal documents, diaries, concert programmes, and Schoenberg's entire library of music, books and recordings.
Apart from all the marvellous museums of fine arts, there are numerous institutions displaying everything from ancient technological equipment to Jewish artefacts, from intricately manufactured furniture to archaeological findings from 25,000 years ago.

The Museum of Natural History (Naturhistorisches Museum) is ranked among the top ten museums in the world. You will discover fascinating and valuable precious stones and minerals, rare fossils and gigantic dinosaurs, as well as famous prehistoric works of art. Look out for the cute if somewhat chubby little lady who rose to worldwide fame as ‘Venus von Willendorf’.

The Hofmobiliendepot (the Imperial Furniture Collection), founded in 1747 by Empress Maria Theresia, brings to life the world of imperial living at the Habsburg court, with special emphasis on the Biedermeier, Empire, Historicist and Jugendstil eras. All the personalities who left their mark on the history of Viennese design, from the craftsmen who supplied the imperial court to the famous artists of the early 20th century such as Adolf Loos, Otto Wagner, and Josef Hoffmann, are represented here.

The Jewish Museum of Vienna defines itself as an ‘Austrian memory’. Accordingly, the historical exhibition functions as a ‘place for remembering’, thus enabling the visitor to view Austrian history from a specifically Jewish angle.
Photo Credits:

Pages 40, 41
© ESR

Pages 44, 45, 46
© ESR – Thomas Schauer
Page 48, pic 1, 3
© Hotel Imperial Wien
Page 48, pic 2
© Arcotel Kaiserkwasser
Page 49
© Marriott Vienna
Page 52, pic 1
© David Monniaux, 2005
Page 52, pic 2
© PSIplus 2006
Page 52, pic 5
© Manfred Werner, 2006
Page 53, pic 1
© Kunsthistorisches Museum Wien
Page 53, pic 2
© Matthias Herrmann
Page 53, pic 3
© Leopold Museum Wien
Page 53, pic 4
© Peter Strobl
Page 54, pic 1, 7
© Wiener Einkaufsstraßen
Page 54, pic 3
© Sacher Wien
Page 54, pic 6
© David Monniaux, 2005
Page 55, pic 1
© Kunsthalle Wien
Page 55, pic 2
© Fantasy, 2003
Page 55, pic 3
© Martin Ortner, Vienna
Page 55, pic 4
© GNU Free Documentation License
Page 56, pic 1, 4
© Petra Mühlmann
Page 56, pic 2
© Invisigoth67, 2006
Page 56, pic 3
© Michael Kranevitter, Vienna, 2006
Page 58, pic 1
© Konzerthaus / Herbert Schwingenschlögl
Page 58, pic 2
© Rafael Martin
Page 58, pic 3
© G.L. Moggi – New Press Photo Firenze
Page 58, pic 4
© Wolfgang Großebrner
Page 59, pic 1
© Sammlungen des Fürsten von und zu Liechtenstein, Vaduz – Wien
Page 59, pic 2
Page 59, pic 3
© Kunsthistorisches Museum Wien, Gemäldegalerie
Page 59, pic 4
Page 59, pic 5
Page 59, pic 6
Page 60, pic 1, 3
© Armin Bardel
Page 60, pic 5
© Wiener Staatsoper GmbH / Axel Zeininger
Page 60, pic 2, 4
© Rolf Bock
Page 61, pic 1
© Nick Mangafas
Page 61, pic 2, 4
© Sepp Gallauer
Page 61, pic 3
© Monika Rittershaus, Burgtheater
Page 61, pic 5
© Dimo Dimov, Volksoper Wien
Page 61, Pic 6
© Georg Soulek, Burgtheater
Page 62, pic 1
© Arnulf Rainer, 2006
Page 62, pic 2, 4
© Gerald Zugmann, Sigmund Freud Privatstiftung
Page 62, pic 3, 5
© Arnold Schoenberg Center Wien
Page 62, pic 6
© Mozarthaus Vienna
Page 63, pic 1, 4, 6
© Naturhistorisches Museum Wien
Page 63, pic 2
© Technisches Museum Wien
Page 63, pic 3
© Dario Lombardi
Page 63, pic 5
© Jüdisches Museum Wien

Coordination:
ESR Office
Neutorgasse 9
1010 Vienna, Austria
Phone: (+43 1) 533 40 64-0
Fax: (+43 1) 533 40 64-448
E-mail: communications@myESR.org
marketing@myESR.org
myESR.org

Editorial contributions:
Julia Patuzzi, Evamaria Pomper, Méliande Rouger
Artwork:
ESR Graphic Department, Petra Mühlmann
Layout:
ESR Graphic Department, Petra Blaseotto, Nina Ober
Printed by Angerer & Göschl, Vienna, 2007
All data as per date of printing: September 2007
Become a member for only € 10.- per year

29,375 members as per September 22, 2007

myESR.org