DAY 1  THURSDAY, JULY 5, 2007

3.00 pm – 8.00 pm  REGISTRATION

6.30 pm – 8.00 pm  FOUR CONCURRENT SESSIONS

MAIN ROOM
PRE-PROGRAM: BASICS FOR THE CARDIOLOGIST
6.30 – 7.00  Principles of Computed Tomography and Cardiac CT (Suhny Abbara)
7.00 – 7.30  Cross-sectional Cardiac Anatomy in CT (Stephan Achenbach)
7.30 – 8.00  Case Demonstration: Typical Findings in Cardiac CT (William Guy Weigold)

BREAKOUT ROOM 1
PRE-PROGRAM: BASICS FOR THE RADIOLOGIST
6.30 – 7.00  A Primer on Coronary Artery Disease (Allen J. Taylor)
7.00 – 7.30  Cardiac and Coronary Anatomy in CT (Mario J. Garcia)
7.30 – 8.00  Clinical Case Vignettes: Typical Applications of CT in the Diagnosis of Heart Disease (Norbert M. Wilke)

BREAKOUT ROOM 2
PRE-PROGRAM FOR ADVANCED USERS
6.30 – 7.00  Finer Details of Cardiac Anatomy with Pathology Correlation (Ricardo C. Cury)
7.00 – 7.30  Incidental Lung Findings: Significance and Recommendations (J. Jeffrey Carr)
7.30 – 8.00  Case Demonstrations: Unusual Findings (Tracy Q. Callister)

BREAKOUT ROOM 3
PRE–SYMPOSIUM: DIDACTICS AND TEACHING IN CARDIAC CT
6.30 – 7.00  Didactics of Teaching Coronary CTA (Tony deFrance)
7.00 – 7.30  Cardiac CT Trials: Design and Statistics Issues (Leslee J. Shaw)
7.30 – 8.00  Research Needs in Cardiac CT(Daniel S. Berman)
7.15 am – 8.15 am BREAKFAST IN THE EXPOSITION AREA

8.15 am – 10.00 am MAIN ROOM
WELCOME/INTRODUCTORY SESSION
8.15 – 8.30 Welcome/Program Overview (Stephan Achenbach)
8.30 – 9.00 Cardiac Imaging: How it Changed the Practice of Cardiology (Robert Bonow)
9.00 – 9.30 Cardiac CT Technology: Present State and Future Directions (J. Jeffrey Carr)
9.30 – 10.00 Current Guidelines on the Clinical Use of Cardiac CT (Allen J. Taylor)

10.00 am -10.30 am REFRESHMENT BREAK, POSTERS, EXHIBITS

10.30 am - 12.10 pm THREE CONCURRENT SESSIONS

MAIN ROOM
MAIN SESSION: CT Coronary Angiography
10.30 – 10.55 Current Results, Indications, and Limitations of CT Coronary Angiography (William Guy Weigold)
10.55 – 11.20 CT Imaging of Coronary Artery Stents (Stephan Achenbach)
11.20 – 11.45 CT Assessment of Bypass Grafts (James P. Earls)
11.45 – 12.10 CT Perfusion as an Adjunct to Coronary CTA (Albert C. Lardo)

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

12.10-1.20 LUNCH BREAK, POSTERS, EXHIBITS

1.20 pm – 3.00 pm FIVE CONCURRENT SESSIONS

MAIN ROOM
DIDACTIC TRACK: Scan Protocols for Cardiac CT - Step by Step
1.20 – 1.45 Step by Step: Imaging and Scoring Coronary Calcium (Paolo Raggi)
1.45 – 2.10 Step by Step: Image Acquisition for Coronary Angiography (Tony DeFrance)
2.10 – 2.35 Post-Processing Methods for CT Coronary Angiography (Michael Ridner)
2.35 – 3.00 Data Acquisition and Evaluation for Cardiac Morphology and Function (Joanne Schuijf)

BREAKOUT ROOM 1
ADVANCED TRACK: Getting the Most Out of Your CT Data Sets
1.20 – 1.45 Tips and Tricks to Optimize Image Quality (Sandra S. Halliburton)
1.45 – 2.10 Quantification of Coronary Stenoses by CT: What Data do We Have? (Ricardo C. Curry)
2.10 – 2.35 How to Lower Radiation Dose in CT Data Acquisition (Irwin M. Feuerstein)
2.35 – 3.00 "Dual Energy" Imaging in CT: Applications in Cardiovascular Imaging? (Axel Kuettner)

BREAKOUT ROOM 2
ORAL ABSTRACT SESSION

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING
3.00 pm - 3.40 pm  REFRESHMENT BREAK, POSTERS, EXHIBITS

3.40 pm – 5.20 pm  FIVE CONCURRENT SESSIONS

MAIN ROOM
MAIN SESSION: Vascular CT
3.40 – 4.05  Protocols for Peripheral CT Angiography (James P. Earls)
4.05 – 4.30  Aortic Disease in Computed Tomography (Suhny Abbara)
4.30 – 4.55  CT for Peripheral Disease: Accuracy and Clinical Role (Jeffrey Hellinger)
4.55 – 5.20  Peri-Interventional Use of Vascular CT (David E. Allie)

BREAKOUT ROOM 1
MAIN SESSION: CT Technology
3.40 – 4.05  Cardiac CT Artifacts: Sources and Solutions (Sandra S. Halliburton)
4.05 – 4.30  Translating Clinical Requirements into Technical Parameters for Cardiac CT (John Rumberger)
4.30 – 4.55  Flat Panel CT, Micro CT, and Small Animal Imaging: Looking into a Microscopic World (Rajiv Gupta)
4.55 – 5.20  New CT Technology and its Implications for Cardiovascular Imaging (Sachio Kuribayashi)

BREAKOUT ROOM 2
MAIN SESSION: Contrast Agent in Cardiac CT
3.40-4.05  Contrast Agent Injection Protocols for Coronary CT Angiography and Non-Coronary Cardiac Imaging (William Guy Weigold)
4.05-4.30-  Contrast Injection for Non-Cardiac CT Angiography (Dominik Fleischmann)
4.30-4.55-  CT Contrast Agents and Renal Failure: Practical Considerations (Richard Solomon)
4.55-5.20-  New Contrast Agents for Imaging of Atherosclerosis (Zahi A. Fayad)

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

5.20 pm - 5.45 pm  INTERMISSION

5.45 pm – 6.45 pm  MAIN ROOM
MANUFACTURERS’ SESSION: Technology and Workflow in Cardiac CT (Non-CME)

6.45 pm - 8.00 pm  WELCOME RECEPTION—Exposition Area
7:00 am – 8:00 am MAIN ROOM
ANNUAL MEMBERSHIP MEETING

7.15 am – 8.15 am BREAKFAST IN THE EXPOSITION AREA

8.15 am – 9.55 am FOUR CONCURRENT SESSIONS

MAIN ROOM
MAIN SESSION: Coronary Calcium and Plaque 1
8.15 – 8.45 The Pathology of Acute Coronary Syndromes and the “Vulnerable Plaque”
(Elena Ladich)
8.45 – 9.15 Coronary Calcium for Risk Stratification: Clinical Data and Recommendations
(Matthew J. Budoff)
9.15 – 9.45 Coronary Calcium Progression and Arterial Remodeling - Lessons from IVUS
(Paul Schoenhagen)

BREAKOUT ROOM 2
ORAL ABSTRACT SESSIONS

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

9.55 am – 10.30 am REFRESHMENT BREAK, POSTERS, EXHIBITS

10.30 am – 12:10 pm FOUR CONCURRENT SESSIONS

MAIN ROOM
MAIN SESSION: Coronary Calcium and Plaque 2
10.30 – 10.55 CT for the Detection, Quantification and Characterization of Coronary Plaque
(Stephan Achenbach)
10.55 – 11.20 Does Non-calcified Plaque Imaging by CT Provide Prognostic Information?
(Joanne Schuijf)
11.20 – 11.45 "Plaque" Detected in an Otherwise Normal CT Scan for Coronary Stenoses: How to
Report and What to Recommend (Daniel S. Berman)
11.45 – 12.10 Plaque Imaging: The MESA Contributions (Joao A.C. Lima)

BREAKOUT ROOM 2
ORAL ABSTRACT SESSION

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

12.10 pm - 1.20 pm LUNCH BREAK, POSTERS, EXHIBITS

1.20 pm – 3.00 pm FIVE CONCURRENT SESSIONS

MAIN ROOM
DIDACTIC TRACK: Tips for Data Acquisition and Post Processing
Tips and Tricks for Data Acquisition in Cardiac CT (John R. Lesser)
Pitfalls in the Interpretation of Coronary CTA (J. Jeffrey Carr)
Pearls in Image Reconstruction and Post-Processing (Irwin M. Feuerstein)
How to Report a CT Coronary Angiography Investigation (Michael Poon)

BREAKOUT ROOM 1
ADVANCED TRACK: Difficult Situations in CTA
1.20 – 1.45  Typical Artifacts: How to Avoid Misinterpretation (Stephan Achenbach)
1.45 – 2.10  Cardiac CT Scanning in Patients with Arrhythmias (David E. Bush)
2.10 – 2.35  Finer Details of Contrast Injection in Cardiovascular CT (Christoph Becker)
2.35 – 3.00  What the Heck is this? … Rare Incidental Findings in the Heart that You Should Have Seen at Least Once (Suhny Abbara)

BREAKOUT ROOM 2
ORAL ABSTRACT SESSION

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

3.00 pm - 3.30 pm  REFRESHMENT BREAK, POSTERS, EXHIBITS

3.30 pm – 5.10 pm  FIVE CONCURRENT SESSIONS

MAIN ROOM
JOINT ACC/SCCT Session: Running a Cardiac CT Program
3.30 – 3.55  The Current Reimbursement Situation for Cardiac CT (Kim Williams)
3.55 – 4.20  Accreditation and Credentialing in Cardiac CT (Daniel S. Berman)
4.20 – 4.45  Quality in Cardiac Imaging (William Guy Weigold)
4.45 – 5.10  ACC-SCCT Collaborative Approach in Cardiac CT (TBA)

BREAKOUT ROOM 1
Cardiac CT Beyond the Coronary Arteries
3.30 – 3.55  Myocardial and Pericardial Disease (Christoph Becker)
3.55 – 4.20  CT Imaging in the Context of Electrophysiology (Jerold S. Shinbane)
4.20 – 4.45  Valvular Disease: Is there a Role for Cardiac CT? (Gudrun Feuchtner)
4.45 – 5.10  CT Versus MR for Cardiac Morphology and Function (John R. Lesser)

BREAKOUT ROOM 2
ORAL ABSTRACT SESSION

BREAKOUT ROOM 3
READ WITH THE EXPERTS

BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE” CT SCANNING

5:30 pm – 6:30 pm  MODERATED POSTER SESSIONS (Poster Areas)

Evening  INDUSTRY SATELLITE SESSIONS
DAY 4  SUNDAY, JULY 8, 2007

7.15 am – 8.15 am  BREAKFAST

8.15 -10.15  FOUR CONCURRENT SESSIONS

8.15 am - 8.50 am  MAIN ROOM
SUNDAY MORNING PLENARY
Imaging of Perfusion vs. Anatomy: Present Technical and Clinical Status
(Jack A. Ziffer)

9.00 am – 10.15 am  MAIN ROOM
CARDIAC CT IN THE EMERGENCY ROOM
9.00 – 9.25  Coronary CTA in Patients with Acute Chest Pain: Accuracy and Clinical Utility
(Udo Hoffmann)
9.25 – 9.50  CT Imaging of Pulmonary Embolism (J. Jeffrey Carr)
9.50 – 10.15  Triple Rule-out: Methods, Rationale & Results (Charles White)

8.15 – 9.45  BREAKOUT ROOM 1
SOAR AWARDS PRESENTATION SESSION

8.15-10.00  BREAKOUT ROOM 3
READ WITH THE EXPERTS SESSION

8.15-10.00  BREAKOUT ROOM 4
MODERATED VIDEO DEMONSTRATION: “LIVE CT SCANNING”

10.15 am - 10.45 am  REFRESHMENT BREAK

10.45 am – 12.45 pm  MAIN ROOM
HIGHLIGHTS IN CARDIOVASCULAR CT 2007
10.45 – 11.05  Awards Presentations
11.05 – 11.30  Seminal Papers in Cardiac CT: 2006 – 2007 (Allen J. Taylor)
11.30 – 11.55  Highlights of the 2007 Conference (Daniel S. Berman)
11.55 – 12.20  The Crystal Ball: the Way Ahead in 2008 (Michael Poon)
12.20 – 12.45  Closing Remarks