



AGENDA

WEDNESDAY, JULY 16, 2008

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| 7:00 am | Registration and Continental Breakfast |
| 7:50 am | Welcome and Introduction |
| 8:00 am | CT Fundamentals: Basic CT physics; technology used for cardiac CT; imaging processing in cardiac CT – Wm. Guy Weigold |
| 9:00 am | Radiation: Basic principles; radiation safety and risk assessment; practical methods to lower radiation dose – Armin Arbab-Zadeh |
| 10:00 am | Refreshment Break |
| 10:15 am | Patient Selection: Guidelines/statements; individual risk features; contraindications/precautions – Michael Poon |
| 11:15 am | Image Acquisition and Protocols: Patient preparation; CT protocols and scan settings; contrast protocols and safety; artifacts – James P. Earls |
| 12:15 pm | Lunch |
| 1:15 pm | Calcium Scanning: Technique; interpretation; outcome data – J. Jeffrey Carr |
| 2:15 pm | Non-Cardiac Structures: Aorta and great vessels; lungs and mediastinum; skeleton; upper abdomen – J. Jeffrey Carr |
| 3:15 pm | Refreshment Break |
| 3:30 pm | Coronary CTA I: Image optimization; anatomy; anomalies – David Bush |
| 4:30 pm | Imaging Potpourri/Questions: Coronary; non-coronary cardiac; non-cardiac – Ricardo Cury |
| 5:30 pm | Adjourn for the day |

THURSDAY, JULY 17, 2008

- 7:15 am Continental Breakfast
- 8:00 am **Coronary CTA II:** Stenosis Detection Plaque Assessment –
Stephan Achenbach
- 9:00 am **Coronary CTA III:** Stents; bypass grafts; peri-revascularization -
Stephan Achenbach
- 10:00 am Refreshment Break
- 10:15 am **Non-Coronary Cardiac I:** Normal dimensions; RV and LV function;
pericardium; myocardial perfusion and viability – **Ricardo Cury**
- 11:15 am **Non-Coronary Cardiac II:** EP applications; congenital disease; tumors;
valves – **Lawrence Boxt**
- 12:15 pm Lunch
- 1:15 pm **Clinical Utility:** Comparison with invasive studies; comparison with non-
invasive tests; outcome data – **Michael Poon**
- 2:15 pm **Imaging Potpourri:** Coronary; non-coronary cardiac; non-cardiac –
Armin Arbab-Zadeh
- 3:15 pm Refreshment Break
- 3:30 pm **Test Examination:** 30 test questions; results; discussion –
Wm. Guy Weigold
- 4:30 pm Meeting adjourn