



New in 2012

Interactive Sessions

Audience members can participate 'real time' in presentations or lectures by submitting responses to interactive questions using a hand-held computer device.

All sessions are open to registered attendees. But if you'd like to participate 'interactively' in the designated sessions, please reserve an audience response unit (\$10) while registering for the meeting.

1. **Educational Therapy**
Volumetric Modulated Arc Therapy
Monday, July 30, 8:00 am - 8:55 am
2. **Scientific Imaging**
State of the Art in Quantitative Imaging in CT, PET and MRI
Monday, July 30, 8:00 am - 9:55 am
3. **Educational Therapy**
Linac-based IMRT/VMAT Commissioning and QA Program Development
Monday, July 30, 9:00 am - 9:55 am
4. **Scientific Imaging**
Assessment of Image Quality for the New CT
Monday, July 30, 4:30 pm - 6:00 pm
5. **Professional**
Medical Physics Ethics in Action
Tuesday, July 31, 8:00 am - 9:55 am
6. **Scientific Imaging**
Where Molecular Imaging is Taking Us
Tuesday, July 31, 10:30 am - 12:30 pm
7. **Scientific Therapy**
Will Proton Therapy Gradually Replace Photon Therapy?
Tuesday, July 31, 4:30 pm - 6:00 pm
8. **Scientific Joint Imaging/Therapy**
Treatment Assessment of Radiation Therapy Using MR Functional Imaging
Wednesday, August 1, 2:00 pm – 3:50 pm
9. **Educational Therapy**
Transitioning from 3D IMRT to 4D IMRT and Role of Image-Guidance
Wednesday, August 1, 3:00 pm - 3:50 pm
10. **Educational Therapy**
Deformable Registration in the Clinic: From Commissioning to Advanced Applications
Thursday, August 1, 8:00 am - 8:55 am
11. **Educational Therapy**
Imaging Dose to Patients and Inclusion of Imaging Dose in Radiation Therapy Treatment Planning
Thursday, August 2, 9:00 am - 9:55 am
12. **Educational Therapy**
Dosimetry of Small Fields
Thursday, August 2, 10:30 am - 11:25 am