



49th Annual Meeting

July 22-26, 2007

Minneapolis Convention Center
Minneapolis, Minnesota

FIRST ANNOUNCEMENT

Minneapolis is more than the Mall of America. Visitors appreciate the natural beauty of the area's parks and riverfront region. The **Warehouse District** is the center of Minneapolis nightlife where upscale bars and hip dance clubs line the streets. The **Hennepin Theatre District** is home to three historic theaters and plenty of nightspots. Near the convention hotels and convention center, check out Nicollet Avenue's "**Eat Street**" to sample an extraordinary variety of ethnic restaurants and quaint bistros. And Minneapolis/St. Paul boasts one of the most thriving museum communities in the country, with **more than 57 museums**, including the Walker Art Museum and the Science Museum of Minnesota.

The **scientific program** will include the highest quality abstracts in oral, moderated poster, and poster sessions on **basic research** and **clinical application** topics in **medical imaging and therapeutic medical physics**. **Continuing education** will be offered through daily courses to keep the membership up to date on the current and new technologies and techniques. An expanded education program, combined with an enhanced professional program, will offer significant opportunity to gain practical knowledge on emerging technical and professional issues. A major focus of the scientific program is the increasing integration of advanced imaging concepts in the routine practice of various therapies, especially radiotherapy.

2007 Dates to Remember

NOW AVAILABLE	2007 AAPM Annual Meeting website - view the site for the most up to date meeting and abstract submission information.
January 8	Web site activated to receive electronic abstract submissions.
MARCH 7 (3 PM ET)	Deadline for receipt of 300 word abstracts and supporting data.
March 7	Meeting Registration available on-line.
By April 17	Authors notified of presentation disposition.
By May 11	Annual Meeting Scientific Program available on aapm.org
June 1	Meeting Registration Deadline to receive Discounted Registration Fees.
June 25	No refunds given for cancellations received after this time. On-line registration closes. On-site registration only after this date.
July 22-26	AAPM Annual Meeting – Minneapolis Convention Center – Minneapolis, MN
July 27-29	AAPM Summer School: Shielding Methods for Medical Facilities St. John's University, Collegeville, MN

The 2007 program includes a number of symposia, forums, and workshops on various **high profile and emerging topics**:

Imaging Track	Therapy Track
<ul style="list-style-type: none"> • Advances in CT, MRI, US • Image quality, diagnostic accuracy • Molecular imaging • Digital x-ray imaging • Radiation dose measurement, control 	<ul style="list-style-type: none"> • Advances in particle acceleration techniques • Advancement in proton therapy and IMPT • Planning strategies for advanced RT • Robustness of IMRT treatments • Biological modeling and novel dose schemes
Continuing Education Imaging Track	Continuing Education Therapy Track
<p>There will be approximately 30 Continuing Education courses in Diagnostic Imaging Physics and Technology. They will cover all of the imaging modalities, radiation safety and risk management issues, and recent developments in medical imaging physics education.</p>	<p>The Therapy Physics CE series will feature approximately 30 courses. The program will feature courses on the use of functional imaging (PET, SPECT and MRI) in planning and assessment of response, a course on the use of proton therapy and additional CE lectures on IMRT, IGRT, adaptive RT, clinical measurements, radiation safety and other important aspects of clinical therapy physics.</p>

Professional Track	Joint Imaging-Therapy Track
<ul style="list-style-type: none"> • PQI-Practice Quality Improvement • Errors-why they occur, how to minimize them • Introducing new technology into clinical practice • Technical performance standards • New members symposium & "Meet the Experts" • MOC update 	<ul style="list-style-type: none"> • Imaging for RT assessment • Spatial-temporal imaging for RT • Imaging-guided alternative therapies • Tomographic imaging for RT • Functional imaging for RT

Submission Notes	
Submission Topic Categories	<ul style="list-style-type: none"> • Scientific submissions will be broken into designated Imaging, Therapy and Joint sub-categories for improved review process and conference planning. • Professional submission categories include: clinical practice of Medical Physics, legislation and regulation, legal and ethics economics, clinical education, human relations, administration and management
Submission Content Categories	<ul style="list-style-type: none"> • Scientific • Professional
Presentation Modes	<ul style="list-style-type: none"> • Oral Presentation – Brief oral presentation given during moderated scientific session and also an electronic poster to be displayed in the exhibit hall • Moderated Poster Presentation – Brief overview of 4 x 8 poster display given during moderated poster sessions. Presentations will use electronic display of 4 summary slides in addition to the 4' x 8' poster. Also, an electronic poster is displayed in the exhibit hall • Poster Presentation – 4 x 4 poster display with presentation during a general poster session
Publication	All accepted abstracts will be published in the June 2007 issue of the <i>Medical Physics Journal</i>