

AAPM 2008 - Houston Annual Meeting

Key to Track Color Codes

Professional	CE-Therapy	Joint Imaging/Therapy	CE-Imaging	Practical Medical Physics	MOC Self Assessment Module (SAMS)
	Scientific-Therapy		Scientific-Imaging		

Sunday, July 27

AA 9:30 -		Student Meeting Room 350 Moderator: <i>J. O'Daniel</i>			
11:00		Education Council Symposium In Memoriam of Deceased Members Auditorium A Moderator: <i>R. Gould</i>			
BB 11:00 -		Professional Council Symposium Why Do We Need an Ethics Code? Clinical Practice, Research, Education TG 109 Report: AAPM Code of Ethics Auditorium B <i>W. Hendee, C. Serago</i>			
12:30		1:00 Exhibit Hall Opens. Box Lunch / Refreshment Break in Exhibit Hall			
CC 1:30 -		Session for Society of Directors of Academic Medical Physics Programs Room 350			
3:30					
DD 1:30 -	Moderated Poster - Therapy (Area 1) IMRT Planning Moderator: <i>P. Xia</i>	Moderated Poster - Therapy (Area 2) Brachytherapy Moderator: <i>J. Pouliot</i>	Moderated Poster - Joint (Area 3) Intrafraction Motion Moderator: <i>D. Moseley</i>	Moderated Poster - Imaging (Area 4) Nuclear and X-ray Imaging Moderator: <i>S. Rudin</i>	
2:15					
EE 2:15 -	Moderated Poster - Therapy (Area 1) IMRT Delivery Moderator: <i>M. Sharp</i>	Moderated Poster - Therapy (Area 2) Stereotaxy and High Precision Techniques Moderator: <i>C. Ma</i>	Moderated Poster - Joint (Area 3) Advances in Image Guided Radiotherapy Moderator: <i>J. Balter</i>	Moderated Poster - Imaging (Area 4) Magnetic Resonance and Ultrasound Imaging Moderator: <i>J. Stafford</i>	
3:00					
FF 3:00 -	Science Council Open Forum Room 351 Moderator: <i>J. Boone</i>				
4:00	GENERAL POSTER DISCUSSION - EXHIBIT HALL E Imaging, Joint Imaging-Therapy Professional, Therapy				
GG 3:00 -	3:00 - 4:00 Refreshment Break in Exhibit Hall				
4:30	Society of Directors of Academic Medical Physics Programs Annual Business Meeting Room 350				
HH 4:00 -	Young Investigators Symposium Auditorium C Moderators: <i>T. Solberg, I. Chetty</i>				
6:00					

Monday, July 28

	Room 350	Auditorium A	Auditorium B	Auditorium C	Room 351	Room 332	Room 342	Room 352
	Continuing Education: Therapy and Imaging							
A 7:30 -	CE-Therapy Out of Field Dosimetry Involving Physical and Computational Phantoms <i>G. Xu</i>	CE-Therapy Monte Carlo I: Review of the AAPM TG-105 <i>I. Chetty, D. Rogers</i>	CE-Therapy Series (SAM) Clinical and Radiobiological Considerations and Physics and Dosimetry Considerations <i>B. Kavanagh, E. Chang S. Benedict, K. Yenice</i>	CE-Therapy Clinical Implementation on Respiration Motion Correlated Imaging, Treatment Planning and Delivery <i>S. Mutic, S. Vedam</i>	CE-Imaging Breast Imaging I <i>K. Kanal</i>	CE-Imaging (SAM) CE-Imaging: The Physics and Technology of Magnetic Resonance Imaging I and II <i>G. Clarke, M. Jacobs</i>	CE-Imaging Radionuclide Imaging I <i>L. Williams</i>	CE-Imaging Radiology/Fluoroscopy I <i>P. Rauch</i>
8:25								
B 8:30 -	CE-Therapy Functional/Molecular Imaging: PET for Planning/Assessment <i>R. Jeraj, M. Machtay</i>	CE-Therapy Stereotactic Cranial RS/RT <i>T. Solberg, D. Shepard</i>		CE-Therapy Protons: Planning and Delivery <i>A. Smith, H. Paganetti</i>	CE-Imaging CE-Imaging: Physics and Technology of Computed Tomography I <i>N. Pelc, C. McCollough</i>		CE-Imaging Safety/Risk I <i>M. Mahesh</i>	CE-Imaging Multimodality and Multidimensional Imaging I <i>M. Vannier, J. Siewerdsen</i>
9:25								
C 10:00 -	9:30 - 10:00 Coffee Break in Exhibit Hall							
12:00	President's Symposium Science, Medicine and Society Auditorium B Moderator: <i>G. White</i> Speaker: <i>A. Relman</i>							
	Professional	Therapy I	Therapy II	Joint Therapy/Imaging I	Joint Therapy/Imaging II	Imaging I	Imaging II	Practical Medical Physics
D 1:30 -	Professional Professional Compartment: Professional Is As Professional Does <i>J. Purdy, P. Landrum, S. Keen, G. Sherouse</i>	Therapy Symposium Outcome-Guided Biological Treatment Planning <i>J. Deasy, A. Jackson, L. Marks, A. Li</i>	Scientific Session: Brachytherapy I Chairs: <i>J. Williamson, M. Rivard</i>	Joint Imaging-Therapy Symposium Targeting Using Surrogates <i>F. Yin, M. Roach, H. Shirato, J. Balter</i>	Scientific Session: IMRT - Optimization Chairs: <i>C. Yu, G. Starkschall</i>	Scientific Session: X-ray imaging: Radiography and Vascular Imaging Chairs: <i>S. Molloi, A. Karellas</i>	Imaging Symposium Ultrasound for the 21st Century <i>J. Zagzebski, K. Thomenius, J. Ophir, M. Andre, A. Oraevsky</i>	Practical Medical Physics ACR Accreditation in Nuclear Medicine and PET - A Practical Guide Directors: <i>C. MacFarlane, B. Harkness, P. Esser</i>
3:20								
E 4:00 -	Professional Current Issues in Economics <i>N. Mohideen, P. Wallner, M. Mills</i>	Therapy Symposium From Physical to Biological Optimization <i>T. Bortfeld, D. Olsen, M. Ferris</i>	Scientific Session: Monte Carlo Methods Chairs: <i>H. Paganetti, I. Chetty</i>	Scientific Session: Applications of Functional Imaging to Therapy Chairs: <i>R. Jeraj, T. Pan</i>	Joint Imaging-Therapy Symposium MRI in Radiation Therapy: From Simulation to Online Image-Guidance <i>A. Pollack, D. Jaffray, Y. Cao</i>	Scientific Session: Dosimetry, Radiation Protection, and Quality Control I Chairs: <i>J.A. Seibert, C. Willis</i>	Imaging Symposium Current and Future Research Trends in Nuclear Medicine <i>T. Turkington, M. King, G. Sgouros</i>	Practical Medical Physics CR Mammography - What You Need to Know Director: <i>M. Martin</i>
5:30								
	5:00 - 6:00 "Meet the Charter Members" Reception							
	6:00 - 8:30 AAPM Awards Ceremony and Reception							

Tuesday, July 29

	Room 350	Auditorium A	Auditorium B	Auditorium C	Room 351	Room 332	Room 342	Room 352
	Continuing Education: Therapy and Imaging							
A 7:30 -	CE-Therapy Monte Carlo - II: Clinical Impact <i>C. Ma, J. Siebers</i>	CE-Therapy QA for Linacs and MLC Used for IMRT <i>P. Xia, T. LoSasso</i>	CE-Therapy Series (SAM) kV vs. MV CBCT <i>R. Hammoud, J. Pouliot D. Moseley, M. Miften</i>	CE-Therapy Margins in Radiotherapy <i>D. Low, D. Litzenberg</i>	CE-Imaging MRI III <i>C. Quarles</i>	CE-Imaging (SAM) CE-Imaging: Breast Imaging II <i>B. Schueler, E. Berns</i>	CE-Imaging CE-Imaging: Radionuclide Imaging II <i>J. Halama</i>	CE-Imaging Radiology/Fluoroscopy II <i>S. Balter</i>
8:25								
B 8:30 -	CE-Therapy RPC Programs <i>G. Ibbott</i>	CE-Therapy Biological/Clinical Outcome Models in RT Planning <i>R. Ten Haken, K-W. Jee</i>		CE-Therapy Deformable Image Registration: Methods and Clinical endpoints <i>M. Kessler</i>	CE-Imaging CE-Imaging: Physics and Technology of Computed Tomography II <i>D. Cody, J. Koller</i>		CE-Imaging Safety/Risk II <i>F. Fahey</i>	CE-Imaging Multimodality and Multidimensional Imaging II <i>J. Saffer, E. Bullitt</i>
9:25								
C 10:00 -	9:30 - 10:00 Coffee Break in Exhibit Hall							
12:00	Professional Clinical Practice and Professional Services Activities <i>M. Chan, G. Sherouse, J. Limmer, K. Vaneck</i>							
12:00	Therapy I Therapy Symposium The Challenge of Research: Bringing Clinical Studies and New Technology into the Clinic <i>M. Sharpe, L. Dong, J. Siebers, B. Fraass</i>	Therapy II Scientific Session: Measurements Chairs: <i>S. Huq</i>	Joint Therapy/Imaging I Joint Imaging-Therapy Symposium Small Animal IGRT: Systems and Studies <i>P. Lindsay, E. Graves, D. Low, J. Wong, D. Jaffray</i>	Joint Therapy/Imaging II Scientific Session: Target Localization for IGRT Chairs: <i>W. D'Souza, Y. Shao</i>	Imaging I Scientific Session: In Memoriam of Professor Bruce Hasegawa Multi-Modality and Ultrasound Imaging Chairs: <i>M. Torai, T. Pan</i>	Imaging II Imaging Symposium Advances in Cardiovascular Imaging <i>R. Fahrig, C. McCollough, S. Molloi, S. Rudin</i>	Practical Medical Physics Routine Testing of CR and DR Radiographic Systems Directors: <i>C. Willis, K. Jones, J. Shepard, D. Peck</i>	
3:20								
D 1:30 -	Professional Civil Law, Ethics and the Medical Physicist <i>F. Bagne, C. Serago</i>	Therapy Symposium Informatics in Radiation Oncology <i>J. Deasy, P. Lambin, T. McNutt</i>	Scientific Session: IMRT - Clinical Applications Chairs: <i>G. Ezzell</i>	Scientific Session: Measurements - New Dosimetry Systems Chairs: <i>S. Beddar, G. Ibbott</i>	Joint Imaging-Therapy Symposium Image-Guided Therapy: From Fundamentals to New Frontiers <i>J. Siewerdsen, J. West, M. Sherar, D. Yan</i>	Scientific Session Magnetic Resonance Imaging Chairs: <i>N. Pelc, E. Jackson</i>	Imaging Symposium Advances in breast Imaging <i>G. Whitman, J. Lo, A. Maidment, J. Boone</i>	Scientific Session: Innovation and Frontiers in Medical Physics Chairs: <i>T. Bortfeld, C. Shaw</i>
3:20								
	3:20 - 4:00 Refreshment Break in Exhibit Hall							

E 4:00 - 5:30	Professional New Member Symposium/Meet the Experts <i>M. Herman, G. Barnes, W. Hendee, J. Hevezi, D. Low</i>	Moderated Posters (Exhibit Hall E)	Moderated Posters (Exhibit Hall E)	CE-Therapy Symposium Contemporary Concepts in Cellular and Molecular Biology for the Medical Physicist <i>B. Rosenstein</i>	Writing and Reviewing Medical Physics Papers Director: <i>W. Hendee, D. Rogers, A. Karellas, P. Slattery</i>	Moderated Posters (Exhibit Hall E)	Moderated Posters (Exhibit Hall E)	Practical Medical Physics Diagnostic Radiology Resident Education <i>P. Heintz, M. Rzeszutarski</i> Evolving Models of Medical Image Physics & Technology Education <i>P. Sprawls</i>
EE 4:00 - 4:45	Moderated Poster - Therapy (Area 1) Tx Planning and Delivery Moderator: <i>A. Boyer</i>		Moderated Poster - Therapy (Area 2) Radiobiology Moderator: <i>S. Bentzen</i>		Moderated Poster - Joint (Area 3) Motion Management Moderator: <i>G. Sharp</i>		Moderated Poster - Imaging (Area 4) Computed Tomography Moderator: <i>J. Siewerdsen</i>	
FF 4:45 - 5:30	Moderated Poster - Therapy (Area 1) Plan Verification and QA Moderator: <i>A. Siocchi</i>		Moderated Poster - Therapy (Area 2) Measurements Moderator: <i>J. Gibbons</i>		Moderated Poster - Joint (Area 3) Non-Tomographic Localization Moderator: <i>S. Jiang</i>		Moderated Poster - Imaging (Area 4) Image Display, Processing Non-Conventional Imaging Moderator: <i>M. Oldham</i>	

6:00 - 10:00 AAPM Night In

Wednesday, July 30

	Room 350	Auditorium A	Auditorium B	Auditorium C	Room 351	Room 332	Room 342	Room 352
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy IMRT Planning of the Pelvis/GU <i>B. Aydogan, R. Price</i>	CE-Therapy Imaging for Planning/Verification: In-Room Imaging <i>K. Brock, N. Papanikolaou</i>	CE-Therapy Series (SAM) The Management of Motion: Technologies and Practical Limitations <i>P. Keall, M. Rosu, S. Jiang</i>	CE-Therapy IMRT QA: Multiple Institution Planning and Dosimetry Comparisons <i>J. Palta, G. Ezzell, Y. Xiao</i>	CE-Imaging CE-Imaging: Physics and Technology of Computed Tomography III <i>J. Boone, M. McNitt-Gray</i>	CE-Imaging (SAM) PET/CT and SPECT/CT: Applications and Quality Assurance <i>O. Mawlawi, W. Erwin</i>	CE-Imaging MRI IV <i>W. Sobol</i>	CE-Imaging Radiology/Fluoroscopy III <i>C. Willis</i>
B 8:30 - 9:25	CE-Therapy Patient Motion: Adaptive RT <i>D. Yan, T. Bortfeld</i>	CE-Therapy Brachytherapy: General Clinical Applications <i>B. Thomadsen</i>		CE-Therapy Dose Calculation Algorithms in 3D-CRT and IMRT <i>T. Knoos, B. McClean</i>	CE-Imaging Breast IV <i>D. Pfeiffer</i>		CE-Imaging Safety/Risk III <i>A. Einstein, J. Geleijns</i>	CE-Imaging Informatics I <i>M. Flynn, D. Peck</i>

9:30 - 10:00 Coffee Break in Exhibit Hall

	Professional	Therapy I	Therapy II	Joint Therapy/Imaging I	Joint Therapy/Imaging II	Imaging I	Imaging II	Practical Medical Physics
C 10:00 - 12:00	Professional Quality in Radiation Therapy: What Is It and How Do You Achieve It? <i>P. Dunscombe, T. Pawlicki, J. Bissonnette, P. Halvorsen, T. Knoos, R. Zelac</i>	Therapy Symposium An interactive session with TG100 <i>S. Huq, S. Mutic, B. Thomadsen, J. Williamson</i>	Scientific Session: Radiobiology Chairs: <i>A. Niemierko, J. Deasy</i>	Scientific Session: Tx Planning and Delivery Chairs: <i>J. Bayouth, B. Faddegon</i>	Joint Imaging-Therapy Symposium The John S. Laughlin Science Council Research Symposium: Moderators: <i>J. Boone, E. Yorke</i>	Scientific Session: Image Science and CAD Chairs: <i>H. Chan, S. Armato</i>	Imaging Symposium Advances in X-ray Imaging <i>C. Shaw, L. Antonuk, K. Taguchi</i>	Practical Medical Physics The Challenges of CT Accreditation Director: <i>T. Ruckdeschel</i>

12:00 - 1:30 Lunch Break

D 1:30 - 3:20	Professional MOC: The ABR Perspective <i>R. Morin, G. Ibbott, S. Thomas, G. Frey, M. Yester</i>	Therapy Symposium Control Theory and Feedback In Radiotherapy <i>M. O'Malley, M. Murphy, S. Bentzen</i>	Scientific Session: IMRT - Plan Verification and QA Chairs: <i>B. Mijnheer, G. Luxton</i>	Joint Imaging-Therapy Symposium IMRT Targeting: from Anatomy to Physiology <i>L. Xing, N. Lee, T. Guerrero</i>	Scientific Session: Stereotaxy Chairs: <i>T. Solberg, S. Benedict</i>	Scientific Session: Multi-Detector CT Chairs: <i>J. Boone, J. Hsieh</i>	Imaging Symposium Seeing the Invisible: Recent Advances in MRI <i>G. Bydder, R. Bammer, Z. Liang</i>	Practical Medical Physics HAZMAT Training Course Part I Director: <i>R. Parker</i>
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3:20 - 4:00 Refreshment Break - Level 3 Session Room Lobby Area

E 4:00 - 5:30	Town Meeting AAPM Board of Director Members	Scientific Session: IMRT - Motion and Adaptation Chairs: <i>D. Yan, J. Siebers</i>	Scientific Session: Monte Carlo, Validation Chairs: <i>D. Rogers, I. Kawrakow</i>	Scientific Session: Margin Assessment Chairs: <i>N. Dogan, C. Shaw</i>	Joint Imaging-Therapy Symposium Image Processing and Analysis for Radiotherapy Guidance <i>G. Chen, G. Fullerton, S. Joshi, M. Kessler</i>	Scientific Session: Dosimetry, Radiation Protection, and Quality Control II Chairs: <i>D. Cody, J. Shepard</i>	History Symposium AAPM History (Part 1) Excerpts of Interviews of Coolidge Award Winners <i>R. Gould</i> (Part 2) 50 Years of Women in Medical Physics <i>M. Martel, S. Vickers, L. Brateman, E. Okuno, P. Gueye</i>	Practical Medical Physics HAZMAT Training Course Part II Director: <i>R. Parker</i>
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5:30 - AAPM Annual Business Meeting - Room 350

Thursday, July 31

	Room 350	Auditorium A	Auditorium B	Auditorium C	Room 351	Room 332	Room 342	Room 352
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy Activities of the ADCLs and the CLA <i>M. McEwen</i>	CE-Therapy QA for IGRT <i>J. Bissonnette</i>	CE-Therapy Series (SAM) Quality Assurance for Advanced RT Technologies- The Challenge for TR Clinical Trials <i>A. Olch, K. Ulin, G. Ibbott, N. Papanikolaou, J. Galvin, J. Moran</i>	CE-Therapy Tomotherapy <i>R. Staton</i>	CE-Imaging Breast V <i>J. Parikh</i>	CE-Imaging (SAM) CE-Imaging: Physics and Technology of Computed Tomography IV <i>D. Pfeiffer, D. Hernandez, R. Fahrig, K. Geleijns</i>	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging V <i>R. Price</i>	CE-Imaging Radiology/Fluoroscopy V <i>K. Strauss</i>
B 8:30 - 9:25	CE-Therapy Scintillator Dosimetry <i>S. Beddar</i>	CE-Therapy Accurate Clinical Measurements <i>J. Gibbons, J. Seuntjens</i>		CE-Therapy Imaging for Assessment/New Technologies <i>Y. Cao, D. Jaffray</i>	CE-Imaging Ultrasound <i>S. Emelianov</i>		CE-Imaging Safety/Risk IV <i>G. Ding</i>	CE-Imaging Informatics II <i>D. Peck, M. Flynn</i>

9:30 - 10:00 Coffee Break - Level 3 Session Room Lobby Area

	Professional	Therapy I	Therapy II	Joint Therapy/Imaging I	Joint Therapy/Imaging II	Imaging I	Imaging II	Practical Medical Physics
C 10:00 - 12:00	Scientific Session: Tx Planning and Delivery - New Techniques Chairs: <i>C. Ramsey, S. Meeks</i>	Scientific Session: Brachytherapy II Chairs: <i>X. A. Li, B. Thomadsen</i>	Professional (SAM) The Good, the Bad and the Ugly - A Regulatory Update <i>D. Gilley, F. Cameron, R. McBurney</i>	Scientific Session: Intrafraction Motion and Correction Strategies Chairs: <i>K. Brock, T. Pan</i>	Scientific Session: Functional Imaging and Small Animal IGRT Chairs: <i>E. Graves, Y. Shao</i>	Scientific Session: Cone-Beam CT and Mammography Chairs: <i>J. Siewerdsen, G. Chen</i>	Imaging Symposium Image Display, Processing and Analysis (CAD) <i>E. Krupinski, M. Flynn, M. Sonka, Y. Jiang</i>	Practical Medical Physics Introducing Brachytherapy Into the Clinic Directors: <i>R. Miller, J. Prisciandaro, J. Hiatt, M. Rivard</i>

12:00 - 12:30 Boxed Lunch Break - Level 3 Session Room Lobby Area

D 12:30 - 2:20	Professional Session Chair: <i>C. Serago</i>	Scientific Session: Advanced Techniques and Risk Assessment Chair: <i>S. Mutic</i>	Scientific Session: IMRT Chairs: <i>J. Palta, I. Das</i>	Scientific Session: Imaging For Therapy Assessment Chairs: <i>J. Palta, I. Das</i>	Scientific Session: Advances in Cone Beam CT Chair: <i>J. Wu</i>	Scientific Session: Image Registration and PACS Chairs: <i>J. Balter, L. Bidaut</i>	Imaging Symposium Innovations in CT <i>J. Hsieh, C. McCollough, N. Pelc, G. Chen</i>	Scientific Session: Measurements - Calibration and QA Chairs: <i>M. Gillin, J. Seuntjens</i>
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