

AAPM 2007 - Minneapolis
Annual Meeting

Key to Track Color Codes	Professional	Scientific
Therapy	Professional	Scientific
Imaging	Professional	Scientific
Joint Imaging/Therapy	Professional	Scientific
MOC Self Assessment Module	SAMS	

Sunday, July 22								
AA 9:30 am - 11:00 am	Student Meeting Room: 205AB Moderator: S Key Professional Council Symposium: Practice Quality Improvement Ballroom A B Gerbi, M Rock Education Council Symposium Close Encounters of the Media Kind Ballroom B M Fox, R Eustice, K Classic							
BB 11:00 - 12:30 pm	Opens: Box Lunch / Refreshment Break in Exhibit Hall							
DD 1:30 - 2:15	Moderated Poster - Therapy (Area 1) Breathytherapy Moderator: J Paulot	Moderated Poster - Therapy (Area 2) IMRT: Planning Verification and QA Moderator: J Das	Moderated Poster - Joint (Area 3) Conesafe Strategies Moderator: P Kozl	Moderated Poster - Imaging (Area 4) Image Processing, Dosimetry, QA and PACS Moderator: D Mosley				
EE 2:15 - 3:00	Moderated Poster - Therapy (Area 1) IMRT: Optimization and Delivery Moderator: P Xia	Moderated Poster - Therapy (Area 2) Measurements Calibration and QA Moderator: J Gibbons	Moderated Poster - Joint (Area 3) Imaging for Therapy Assessment Moderator: D Lee	Moderated Poster - Imaging (Area 4) Magnetic Resonance, Ultrasound and Micro-CT Imaging Moderator: J Rowlands				
FF 3:00 - 4:30	GENERAL POSTER DISCUSSION Imaging Joint Imaging/Therapy Professional Therapy							
GG 4:00 - 6:00	Refreshment Break in Exhibit Hall Young Investigators Symposium Auditorium Moderators: T Solberg, P Medini							
Monday, July 23								
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy Monte Carlo I: Review of the AAPM TG-105 J Chetty, D Rogers	CE-Therapy Shielding I: New NCRP Report General Report background and formulation J Dwyer	CE-Therapy Series (SAM) Topics in Radiation Therapy - I P Yu, J Siewerdt, J Pata	CE-Therapy Integration of the Health Enterprise in Radiation Oncology (HE-RO) B Curran	CE-Imaging The Physics and Technology of Computed Tomography - I C McCollough, J Geleyns, R Fahrig	CE-Imaging (SAM) The Physics and Technology of Breast Imaging - I D Pfeiffer, E Berns	CE-Imaging The Physics and Technology of Radiography - I S Shepard, L Goldman	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging - I G Galati
B 8:30 - 9:25	CE-Therapy Stereotactic cranial RS/RT T Solberg, D Shepard	CE-Therapy Shielding II: Practical Examples, Including IMRT, TBI, SRS J Rodgers	CE-Therapy Protons: Planning and Delivery A Smith, M Paganetti	CE-Imaging The Physics and Technology of Radionuclide Imaging - I L Williams	CE-Imaging X-ray Imaging: New Detectors, Techniques Chairs: M McNeil-Gay, J Koller	CE-Imaging The Physics and Technology of Fluoroscopy - I P Lin	CE-Imaging Radiation Safety and Risk Management - I M Mahesh	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging - II E Jackson
CC 10:00 - 12:00	President's Symposium Imaging as a Biomarker for Therapy Response Auditorium Moderator: M Metel L Schwartz, B Mittleman, M Vannier, G Becker							
DD 1:30 - 1:45	Professional	Therapy I	Therapy II	Joint Therapy/Imaging I	Joint Therapy/Imaging II	Imaging I	Imaging II	Workshop
D 1:30 - 2:20	Professional Symposium Establishing Clinical Protocols and Lung G Ebbot, E Klein	Therapy Symposium Hypofractionated RT: Biological Basis and Clinical Application in the Prostate and Lung S Denton, A Palko, R Timmerman	Scientific Session Clinical Measurements Chairs: M Herman, R Wu	Joint Imaging/Therapy Symposium Technical and Clinical Challenges for In-Room Target Localization F Yi, P Kaprielian, C Willett, J Galati, J Wu	Scientific Session IMRT: Optimization Chairs: P Kozl, J Purdy	Scientific Session Image Registration, Fusion, Segmentation, and Visualization Chairs: M Giger, D Mosley	Imaging Symposium Advances in X-ray Imaging Moderator: A Karalis	Workshop Ultrasound QC Workshop Director: S Larson, D Pfeiffer
EE 4:00 - 5:30	Preferred Session Chairs: M Herman, B Gerbi	Therapy Symposium Robustness of IMRT Treatments J Balter, M Sharpe, J Chen, M Aber	Scientific Session Measurement, Calibration and QA Chairs: S Hug, S Hedley	Scientific Session Localization Chairs: D Jeffrey, S Jiang	Joint Imaging/Therapy Symposium Stereotaxial Imaging for Radiation Treatment Planning and Delivery G Magness, J King, J Balter, Mwan Herik, D Jeffrey, P Kozl	Scientific Session X-ray Imaging: New Detectors, Techniques Chairs: J Yorkston, L Antonuk	Imaging Symposium Current Status and Future Development in Breast Ultrasound Imaging T Hall, J Greenleaf, E Ebbani	Workshop Writing and Reviewing Medical Physics Papers Director: W Hendee
FF 6:00 - 8:30	AAPM Awards Ceremony and Reception							
Tuesday, July 24								
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy Imaging for Planning/Verification: In- Room Imaging K Brock, N Papanikolaou	CE-Therapy Daily Localization: II: EPID, MVCT W Chen, M Jeffrey	CE-Therapy Series (SAM) Topics in Radiation Therapy - II P Xia, J Rozek, R Price	CE-Therapy Biological/Clinical Outcome Models in RT Planning R Ten Haken, K Lee	CE-Imaging The Physics and Technology of Radionuclide Imaging - II J Halama	CE-Imaging (SAM) The Physics and Technology of Computed Tomography - II J Boone, M McNeil-Gay, J Koller	CE-Imaging The Physics and Technology of Radiography - II C Willis	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging - II E Jackson
B 8:30 - 9:25	CE-Therapy Monte Carlo II: Clinical Impact C Ma, J Seabers	CE-Therapy Functional/Molecular Imaging: PET for planning/Assessment J Bourland, R Jerej	CE-Therapy Daily Localization III: Tomotherapy S Meeks	CE-Therapy The Physics and Technology of Breast Imaging - II M Williams	CE-Imaging The Physics and Technology of Radionuclide Imaging - III D Geoprit, Smit	CE-Imaging X-ray Imaging: Fusion, Segmentation, and Visualization Chairs: M Giger, D Mosley	CE-Imaging The Physics and Technology of Fluoroscopy - II S Balter	CE-Imaging Radiation Safety and Risk Management - II A Ansari
CC 10:00 - 12:00	Professional Course Series Errors - Why They Occur, How to Minimize Them (Part I) T Pawlicki, E Klein, P Puric	Therapy Symposium The Good and the Not-So-Good of Proton Therapy A Lomax, R Mohan, T Borfield, H Paganetti	Scientific Session Other: General Chairs: K Hogstrom, C Saw	Joint Imaging/Therapy Symposium The Joint Lympho-System Quantitative Imaging for Cancer Diagnosis, Treatment, and Response Assessment Moderators: J Boone, TP Mackie	Scientific Session Medical Modelling Chairs: P Balter, G Sharp	Scientific Session Dosimetry, Radiation Protection, and Quality Control Chairs: M McNeil-Gay, JA Solberg	Imaging Symposium Breast Imaging: Updates on Technology, Report Mammography C Abbey, R Badawi, M Giger, J Boone	Workshop Funding and Protecting Biomedical Research Director: W Hendee
DD 1:30 - 2:20	Professional Symposium The Road to Training and Practice of the Medical Physicist of the Future J Masten, J Limer, D Gilley, M Herman	Therapy Symposium Novel Particle Acceleration Techniques C Ma, T Tajima, V Makris, E Fornal, K Gal	Scientific Session Tx Planning and Delivery - Dose Calculations Chairs: A Boyer, B Faddegon	Scientific Session IMRT: QA Chairs: G Ezzell, C Yu	CE-Imaging The Great Debate: The Future of IMRT J Paulot, J Sasaki, W Tome, J Lagendijk, K Brock	Scientific Session CT: New Developments and Applications Chairs: J Heik, W Kalender	Imaging Symposium Molecular Imaging: Biomarkers E Jackson, A Papathanassiou, J Saffer, L Clarke	Workshop Digital Mammography QA Workshop for Physics II Director: W Gesser
EE 4:00 - 5:30	Professional Symposium New Member and Meet the Experts M Herman, M Ebbot, D Low, J Havel, W Hendee, G Barnes	Moderated Posters (Exhibit Hall C)	Moderated Posters (Exhibit Hall C)	CE-Therapy Symposium PET and SPECT Imaging in Treatment Plan Optimization L Marks	CE-Imaging Symposium in Memory of John Mee Diagnostic Radiology Resident Medical Physics Education Update R Gosson, M Rzesutowski, W Hendee, P Heintz, R Morn	Moderated Posters (Exhibit Hall C)	Moderated Posters (Exhibit Hall C)	Workshop Image Quality Measurement Director: E Samei
FF 4:00 - 4:45	Moderated Poster - Therapy (Area 1) Clinical Measurements Moderator: J Savarits	Moderated Poster - Therapy (Area 2) Radiobiology and Other Moderator: E Yorke	Moderated Poster - Joint (Area 3) Localization Moderator: G Magness	Moderated Poster - Imaging (Area 4) Core Beam CT and X-ray Imaging Moderator: J Siewerdt				
GG 4:45 - 5:30	Moderated Poster - Therapy (Area 1) Monte Carlo Dose Calculation Moderator: J Chetty	Moderated Poster - Therapy (Area 2) Treatment Planning, Delivery and Measurements Moderator: C Ramsey	Moderated Poster - Joint (Area 3) Localization Moderator: D Van	Moderated Poster - Imaging (Area 4) Computed Tomography and Reconstruction Techniques Moderator: B Whiting				
HH 6:00 - 10:00	AAPM Night Out							
Wednesday, July 25								
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy Stereotactic Body Radiation Therapy /SBRT M Kavanagh, B Eberhardt	Imaging for Assessment/New Technologies W Chen, M Jeffrey	CE-Therapy Series (SAM) Topics in Radiation Therapy - III S Jiang, P Kozl, D Rogers	CE-Therapy IMRT Site Specific: IM, H&N, CNS M Maruy, T Pawlicki	CE-Imaging The Physics and Technology of Computed Tomography - III J Pyper, J Brambila, C McCollough	CE-Imaging (SAM) The Physics and Technology of Radionuclide Imaging - III F Fley, B Kemp	CE-Imaging The Physics and Technology of Radiography - III D Pfeiffer, E Berns	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging - III D Braum
B 8:30 - 9:25	CE-Therapy Patient Motion: Adaptive RT D Yu, J Borfeld	CE-Therapy Functional/Molecular Imaging: MRI for Planning/Assessment D Yu, J Borfeld	CE-Therapy IMRT: General Systems and Clinical Applications Chairs: Y Chen, J Pata	CE-Imaging The Physics and Technology of Breast Imaging - III D Geoprit, Smit	CE-Imaging Medical Imaging Informatics - II K Felleiter	CE-Imaging Radiation Safety and Risk Management - III M Mahesh	CE-Imaging Multimodality Medical Imaging - I M Vannier, J Siewerdt	CE Series Medical Imaging Informatics - I D Patak, M Flynn
CC 10:00 - 12:00	Professional Symposium Practice Performance Improvement Introduction to Medical Physics P Nagy, T Pawlicki, B Paganetti, R Morn, G Froy	Therapy Symposium Practice Assurance for Advanced RT Technologies: The Challenge for Clinical RT Trials A Okh, M Urie, G Ebbot, E Klein, J Galvin, J Moran	Scientific Session Monte Carlo Dose Calculations Chairs: W Paganetti, J Seabers	Scientific Session IMRT: Planning, Delivery and Outcome Modelling Chairs: XA Li, A Niemierko	Scientific Session X-ray Imaging: Fusion, Segmentation, and Visualization Chairs: M Giger, D Mosley	Imaging Symposium Advances in CT Hardware and Algorithms T Raju, R Mather, E Bailey, X Pan, M Vannier	Imaging Symposium Ultrasound: PET and PET/CT Chairs: S Rudin, S Galic	Workshop Digital Mammography QA Workshop for Physics II Director: W Gesser
DD 1:30 - 2:20	Professional Symposium Support for Staffing and Assessing Quality Delivery using K Hogstrom, P Duncombe, J Mills	Therapy Symposium The Differences Associated with Accelerated Dose Delivery using IMRT B Solberg, C Ramsey, J Dieterich, R Price	Scientific Session IMRT: Delivery Chairs: E Klein, G Rozek	Scientific Session Functional Imaging for Radiotherapy Guidance TX Lee, T Guenther, T Pan	Scientific Session Mammography: Fundamentals and Clinical Practice Chairs: R Barlow, T Williams	Scientific Session Magnetic Resonance and Small Animal Imaging Chairs: C Mistrare, P Wehrl	Imaging Symposium Image and Observer Performance Modeling and Measurement Chairs: R Barlow, D Chakraborty	Workshop PET CT II Accreditation and Quality Assurance Director: O Meawad
EE 4:00 - 5:30	Town Meeting AAPM Board of Director Members	Scientific Session Measurement, Calibration and QA (II) Chairs: G Luxton, ZU	Scientific Session New Dosimetry Systems and Procedures Chairs: G Ebbot, DW Rogers	Scientific Session Target Definition Chairs: S Mutic, M Alber	Scientific Session Quantitative Imaging for Cancer Diagnosis Chairs: L King, E Ebbani	Scientific Session Core Beam CT Chairs: D Jeffrey, G-H Chen	Symposium History and Heritage of Medical Physics P Spratt	Workshop PET CT I PET/CT Scanner Offering from Different Manufacturers Director: O Meawad
FF 6:00 - 10:00	AAPM Annual Business Meeting - Ballroom B							
Thursday, July 26								
Continuing Education: Therapy and Imaging								
A 7:30 - 8:25	CE-Therapy Accurate Clinical Measurements J Gibbons, J Savarits	CE-Therapy Quality Assurance for Advanced RT Technologies: The Challenge for Clinical RT Trials A Okh, M Urie, G Ebbot, E Klein, J Galvin, J Moran	CE-Therapy Series (SAM) Topics in Radiation Therapy - IV B Thomadsen, N Papanikolaou	CE-Therapy Quality Assurance for IMRT and SBRT J Bissonnette	CE-Imaging Medical Imaging Informatics - III P Nagy	CE-Imaging Radiation Safety and Risk Management - IV M Mahesh	CE-Imaging The Physics and Technology of Radiography - IV A Raper	CE-Imaging The Physics and Technology of Magnetic Resonance Imaging - IV E Klein
B 8:30 - 9:25	CE-Therapy Multimodality and 4D Image Registration, Methods and Clinical Use M Kashef	CE-Therapy Functional/Molecular Imaging: MRI for Planning/Assessment D Yu, J Borfeld	CE-Therapy IMRT: Delivery Chairs: E Klein, G Rozek	CE-Imaging The Physics and Technology of Breast Imaging - IV M Williams	CE-Imaging Medical Imaging Informatics - III P Nagy	CE-Imaging Radiation Safety and Risk Management - III M Mahesh	CE-Imaging Multimodality Medical Imaging - II J Saffer	CE-Imaging The Physics and Technology of Ultrasound Imaging J Greenleaf
CC 10:00 - 12:00	Professional Course Series Errors - Why They Occur, How to Minimize Them (Part II) J Bissonnette, T Holmes, S Duncombe	Scientific Session New Dosimetry, Treatment Techniques and Clinical Applications Chairs: J Bayouth, G Sharfchahar	Scientific Session IMRT: Delivery Chairs: J Wong, A Shiu	Scientific Session Tx Planning and Delivery: New Techniques and Systems Chairs: J Cho, M Pogorak	Scientific Session Conesafe Strategies Moderator: M Giger	Scientific Session Magnetic Resonance and Small Animal Imaging Chairs: C Mistrare, P Wehrl	Imaging Symposium Image and Observer Performance Modeling and Measurement Chairs: R Barlow, D Chakraborty	Workshop PET CT II Accreditation and Quality Assurance Director: O Meawad
DD 1:30 - 2:20	Professional Symposium What Does it Mean to Sign Assessment Statements? R Lioy, F Cameron, B Gott	Scientific Session Tx Planning and Delivery - Clinical Planning Chairs: J Williamson, S Chang	Scientific Session SRS and SRT Chairs: DM Lovelock, F Bova	Scientific Session Target Definition Chairs: S Mutic, M Alber	Scientific Session Quantitative Imaging for Cancer Diagnosis Chairs: L King, E Ebbani	Scientific Session Core Beam CT Chairs: D Jeffrey, G-H Chen	Imaging Symposium Advanced Topics in CT: Who's Mind the Deaf? D Frush, J Boone, M McNeil-Gay	Workshop PET CT I Accreditation and Quality Assurance Director: O Meawad
EE 4:00 - 5:30	Symposium Performance Specification for New Equipment Purchases J Van Dyk, S Mutic, B Corcos, W Force	Scientific Session Radiobiology: Treatment Planning and Evaluation Chairs: D Mahadevi, T Pawlicki	Scientific Session Brachytherapy Chairs: B Thomadsen, JJ	Scientific Session Margin Assessment Chairs: G Ebbot	Scientific Session Imaging for Therapy Assessment Chairs: GH Vivian, J Jurek	Scientific Session Breast Imaging - Ultrasound and Tomosynthesis Chairs: H-P Chan, M Goodlett	Imaging Symposium Image Performance: Can it be Predicted? Chairs: J Kyprianou, C Shaw	Workshop PET CT I Accreditation and Quality Assurance Director: O Meawad