Updated 6/20/13

55th AAPM Annual Meeting Program

Key to Track Color Codes	Professional	Therapy Education	Therapy Scientific	Joint Imaging - Therapy Scientific	Imaging Scientific	Imaging Education	Practical Medical Physics	Ultrasound

Sunday, August 4

	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
A 9:30 - 11:00	Professional Council Symposium **The Medical Physicist as a Professional Leader - The Importance of Leadership Development** *Moderator: P Halvorsen* W Hendee, J Leslie, J Clements Wabash Ballroom					AAPM Medical Physics Student Meeting **Pathways to a Career in Medical Physics** *Moderator: S Robertson* C Stakenborg, W Smith Room 141				
B 11:00 - 12:30	Education Council Symposium **AAPM and International Education: What, Why and How?** *Moderator: Y Pipman* Y Pipman, J Van Dyk, C Saw, R Jarag, G White Wabash Ballroom									
	12:30 Exhibit Hall Opens **Refreshment Break in Exhibit Hall**									
C 1:00 - 1:55	Therapy SNAP Oral Session **Devices and Detectors for Online and Offline Measurements** *M McEwen, L Schreiner*	Therapy SNAP Oral Session **Patient Safety and Machine QA** *J Johnson, S Avery*	Therapy SNAP Oral Session **Delivery and Verification - Photons and Electrons** *M Sharpe, M Martel*	Therapy SNAP Oral Session **Dose Calculations - Protons, Photons, and Brachytherapy** *N Papanikolaou, J Van Dyk*	Joint Imaging-Therapy SNAP Oral Session **Image Registration and Segmentation** *M Murphy, G Sharp*	Joint Imaging-Therapy SNAP Oral Session **Motion and Dosimetric Uncertainties** *E Mok, W D'Souza*	Joint Imaging-Therapy SNAP Oral Session **Image Guidance and Localization** *C Yu, L Wang*	Imaging SNAP Oral Session **CT Topics** *M Goodsitt, E Angel*	Imaging SNAP Oral Session **Mammography/ Tomosynthesis** *P Bakic J Sabol*	Imaging SNAP Oral Session **Nuclear/PET/Non Modalities** *O Mawlawi, X Tang*
D 2:05 - 2:00	Therapy SNAP Oral Session **Patient Specific QA and Informatics** *L Cervino, L Court*	Therapy SNAP Oral Session **Biological Modeling and Outcomes Analysis** *S Das, R Ten Haken*	Therapy SNAP Oral Session **Brachytherapy** *L Beaudoe, S Richardson*	Joint Imaging-Therapy SNAP Oral Session **Multi-Modality Imaging** *J Hanrahan, I El Naqa*	Joint Imaging-Therapy SNAP Oral Session **Imaging for Planning and Adaptive Radiotherapy** *J Poulsen, D Yan*	Joint Imaging-Therapy SNAP Oral Session **Quality Assurance** *J Li, S Samant*	Imaging SNAP Oral Session **CT Dosimetry/QA** *J Rong, S Brady*	Imaging SNAP Oral Session **Radiography/ Fluoroscopy/Ultrasound** *C Shaw, A Jones*	Imaging SNAP Oral Session **CT Reconstruction/ Processing/Correction** *C Chen, M Silver*	Therapy SNAP Oral Session **Small Animal Studies** *P Lindsay, M Bazalova*
	EXHIBIT HALL (Refreshment Breaks, Posters and Technical Exhibits) **2:00 - 3:30 - Refreshment Break in Exhibit Hall**									
E 3:00 - 6:00	**NEW...CAMPUS POSTER DISCUSSION** Imaging Campus: Quantitative Imaging and Metrology Joint Imaging-Therapy Campus: Image Guided Therapy Assessment Therapy Campus: Techniques to Reduce Uncertainties in Treatment Delivery Therapy Campus: IMRT Provosts available 3:00 - 4:00/Presenting Authors available 3:00 - 6:00				**GENERAL POSTER DISCUSSION** Education, Imaging, Joint Imaging-Therapy, Professional, Therapy, Ultrasound Presenting Authors available 3:00 - 6:00				**BEST IN PHYSICS** Poster Theatres and Discussion in the Exhibit Hall Presenting Authors available 3:30 - 6:00	
F 4:00 - 6:00	4:00 - 6:00 **John R. Cameron Young Investigator Symposium** *M Martel, D Frey* 500 Ballroom						**(Exhibit Hall OPEN until 6:00 pm)**			

Monday, August 5

	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
A 8:00 - 8:55	Therapy Educational Course **Volumetric Modulated Arc Therapy** D Shepard R Popple	Therapy Scientific Session **Treatment Planning: Optimization Techniques, Plan Evaluation, and Robustness Analysis** *B Fraass, M Milacivak*	Therapy Symposium **The Impact of Intensity Modulated Proton Therapy on Proton Therapy?** R Chen T Bortfeld J Kruse X Zhang J Chang	SAM SESSION (8:00 - 10:00) Therapy Educational Course **Future of Radiation Therapy Safety** G Ezzo S Mutic K Moore	Joint Imaging-Therapy Symposium **MR-Guided Radiation Therapy** G Fallone B Rasmussen S Mutic T Stanescu	Imaging Symposium **In Memoriam of Fearghus O'Foghludha: Virtual Tools for Validation of X-Ray Breast Imaging Systems** P Bakic K Myers I Reiser N Karssemeijer R Zeng E Samei	SAM SESSION (8:00 - 10:00) Imaging Educational Course **Nuclear Medicine Regulatory Guidelines & Computational Methods for Safe Release of Radioactive Patients** R Wendt F Mourtada	Imaging Educational Course **Computed Tomography 1** X Kappiarian W Stayman	Practical Medical Physics **Task Group 151 - Radiographic System Quality Control** K Hulme G Artique Practical Medical Physics **Strategies for Total Quality** S Hancock D Brown	Ultrasound Educational Course **High-Intensity Focused Ultrasound Therapy Hands-on Workshop** S Sammet
B 9:00 - 9:55	Therapy Educational Course **Monte Carlo Treatment Planning in RT** I Chetty J Cygler									
	10:00 - 10:30 Coffee Break in Exhibit Hall									
C 10:30 - 12:30	President's Symposium **Medical Physics in the Era of Genomic Medicine** *Moderator: J Hazle* H Hricak, D Jaffray, J Hazle 500 Ballroom									
	12:30 - 2:00 Lunch Break + Visit the Technical Exhibits									
	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
D 2:00 - 2:55	Professional Session **Proffered** R Tarver	Professional Symposium **ABR Update** J Albison G Ibbott D Frey	Therapy Scientific Session **Calculation Tools for Patient Safety and QA** *M Chan, S Kry*	Therapy Educational Course **Treatment Planning in Proton Therapy** B Winey T Lomax	Joint Imaging-Therapy Symposium **How OMICs is Going to Impact Research Topics for Medical Physicists** J Deasy O Gevaert H Aerts	Imaging Scientific Session **PET/Optical/Multimodality Imaging** *P Kinahan, B Pogue*	SAM SESSION (2:00 - 4:00) Imaging Educational Course **Mammography QA** D Jacobson M Martin	Imaging Scientific Session **Session in Memory of Moses Greenfield: CT Dosimetry 1** *M McNitt-Gray, D Bakalyar*	Imaging Educational Course **MRI Applications in Radiation Oncology** J Chen Y Hu D Low Y Cao	Ultrasound Symposium **Ultrasound Guided RT Intervention & Novel Technologies** L Beaudoe E Curtis B Libby J Wong
E 3:00 - 3:50	Professional Symposium **How To Be A Journal Referee** S Becker, J Boone, C Orton, G Starkschall, B Thomadsen									
	3:50 - 4:30 Refreshment Break in Exhibit Hall									
F 4:30 - 5:15	Professional Symposium **Challenges of Increased Controls of Radioactive Materials** L Farsdoet B Blankenship	Professional Symposium **Controlling Stuff, Beating Stress, and Finding Work Life Balance** D Jordan Therapy SNAP Oral Session **Protons - Planning, Optimization, and Range Uncertainty** *H Paganetti, R Mohan*	Therapy SNAP Oral Session **Planning and Delivery - SRS and SBRT** *K Brock, S Han-Oh*	Therapy Educational Course **Clinical Applications of Surface Imaging** H Al-Hallaq L Cervino J Sonke	Joint Imaging-Therapy SNAP Oral Session **Motion Management** G Magenes, R Berbeco	Imaging Educational Course **Radiography & Fluoroscopy** R Berting	Imaging Symposium **Estimating Risk of Low Radiation Doses** W Hendee M O'Connor E Calabrese	Education Session **Innovation in Medical Physics Education** *S Avery V Mordenavar*	Practical Medical Physics **Statistics, Error Analysis and Uncertainty Reporting** F Guo D Ruan J Cui	Ultrasound Symposium **Ultrasound Guided Systems for RT and Treatment Planning** J Sisk S Vedam D Hristov D Fontanarosa
G 5:15 - 6:00										
	6:30 - 8:00 AAPM Awards Ceremony (Grand Ballroom, J. W. Marriott) followed by a Reception 8:00 - 9:00									

Tuesday, August 6

	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
A 8:00 - 8:55	Professional Symposium **HasNot Shipping DOT Training** R Parker	Therapy Educational Course **High Energy Brachytherapy Dosimetry As It Applies to Accelerated Partial Breast Irradiation (APBI)** S Richardson F Mourtada Therapy Educational Course **Radiobiological Principles of Fractionated Radiotherapy and the Potential for Hypofractionation** C Orton	Therapy Scientific Session **Treatment Planning, Delivery, and Verification: Particle Therapy** *J Kruse, L Dong*	SAM SESSION (8:00 - 10:00) Therapy Educational Course **Deformable Image Registration, Contour Propagation and Dose Mapping: 101 and 201** M Kessler J Poulsen	Joint Imaging-Therapy Scientific Session **Therapy Assessment - Multi-Modality Imaging** L Court, N Papanikolaou	Imaging Symposium **Multi Modal PET/CT Imaging for Therapy Response Early Prediction and Therapy Monitoring** M Hatt P Lambin P Kinahan	SAM SESSION (8:00 - 10:00) Imaging Educational Course **MRI QA** M O'Dea K Huff D Renne G Jia	Imaging Educational Course **Imaging Informatics 1** *A Walz-Flannigan J Weiner* Imaging Educational Course **Imaging Informatics 2** D Clunie D Prick	Imaging Scientific Session **Radiography/Fluoroscopy** *I Cunningham, E Gingold*	Ultrasound Symposium **Clinical Delivery and Advanced Novel Technologies/ Strategies** N Sanghvi A Hanamel M Humitz C Moonen
B 9:00 - 9:55										
	10:00 - 10:30 Coffee Break in Exhibit Hall									
C 10:30 - 11:25	Professional Symposium **HasNot Shipping DOT Training** R Parker	Professional Symposium **Your First Job; Finding and Keeping It** J Clements B Tarver Professional Symposium **PQI** B Thomadsen M Yester S White	Therapy Scientific Session **Devices and Detectors for Offline and Online Measurements** *M Oldham, L DeWerd*	SAM SESSION (8:00 - 10:00) Therapy Educational Course **Tumor Volume Delineation: Evaluating Benefits and Challenges of Multi-Modality Co-Registration** S Benedict S Vedam J Cai K Wijesooriya M Murphy	Therapy Symposium Scientific Session **Accuracy Requirements and Uncertainties Considerations in Radiation Therapy** J Van Dyk S Benton M Milosevic G Fallowell	Joint Imaging-Therapy Scientific Session **Deformable Image Registration** *D Hawkes, J Yang*	Imaging Scientific Session **CT Image Quality** *J Seeverdeen, R Bowsher*	Imaging Educational Course **Nuclear Medicine Advances in Instrumentation: PET/MRI Technical Design Challenges & Innovations** C Catana L Shao N Doshi	Practical Medical Physics **The Elements of a Highly Effective Educational Session** P Sprawls D Frey D Brackenridge	Ultrasound Symposium **Advanced Novel Technologies & Therapy Strategies** K Ferrara R Griffin C Guha C Holland C Lafon
D 11:30 - 12:30										
	12:30 - 2:00 Lunch Break + Visit the Technical Exhibits									
E 2:00 - 2:55	Professional Symposium **International Medical Physics Symposium - Part 2: Making a Difference in the World: Are You Willing To Be Part?** M Rehani M Goske J Vassilova	Professional Symposium **In-House Credentialing** J Hevezi Professional Symposium **Writing and Reviewing Papers for Medical Physics** W Hendee P Slattery A Karellas D Rogers	Therapy Scientific Session **Treatment Delivery and Verification: Photons and Electrons** *M Herman, C Ollé-Hurst*	Therapy Educational Course **Advanced Technologies for Breast RT** X Li J White J Moran Therapy Educational Course **Point and Counter Point Debate Brachytherapy is Better Than External Beam Therapy for Partial Breast Irradiation** D Todor S Becker	Joint Imaging-Therapy Symposium **How Do We Couple Quantitative Imaging and Models of Tumor Response to Improve Multimodal Therapy?** L Marks V Moiseenko R Stewart R Jeraj	Joint Imaging-Therapy Scientific Session **Motion Uncertainties and Dosimetric Effects** *B Salter, N Kirby*	Imaging Symposium **Image Quality Models in Advanced CT Applications** J Seeverdeen R Nishikawa I Cunningham G Chen F Bochud	Imaging Educational Course **Radiography & Fluoroscopy: An Update on Imaging Detector Technologies** T Yorkston A Ahmad	Practical Medical Physics **Clinical Implementation for Advanced Radiotherapy Dose Calculation Algorithts Beyond the TG-43 Formula** R Thomson F Ballester L Beaulieu Practical Medical Physics **TG132 - Image Registration and Fusion** K Brock S Mutic	Ultrasound Symposium **Image Guidance and Assessment** V Welse E Ebbini D Maet M Carol C Burdette
F 3:00 - 3:50										
	3:50 - 4:30 Refreshment Break in Exhibit Hall									
G 4:30 - 6:00	Professional Symposium **International Medical Physics Symposium - Part 2: Making a Difference in the World: Are You Willing To Be Part?** M Rehani M Goske J Vassilova	Professional Symposium **New Member Symposium** G Sherouse J Clements	Therapy Scientific Session **Outcomes Analysis** *J Deasy, I El Naqa*	Therapy Symposium **The Science of Clinical Medical Physics** D Jaffray B Fraass T Pawlicki T Bortfeld	Joint Imaging-Therapy Symposium **Advanced Applications in Deformable Registration** K Brock L Dong D Hawkes	Joint Imaging-Therapy Scientific Session **Volumetric Imaging and Motion Management** *Y Pan, R Hammoud*	Imaging Scientific Session **CT Dosimetry 2** *J Boone, M Supanich*	Imaging Scientific Session **MRI 1** *D Pickens, P Sprawls*	Practical Medical Physics **Roadmap for Installing New Equipment** S Dieterich G Ibbott J Tonnage B Fahrman	Ultrasound Symposium **Treatment Strategies, Modeling, Control** M Carol D Christensen E Neufeld
	6:30 - 10:00 AAPM Night Out									

Wednesday, August 7

	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
A 8:00 - 8:55	Professional Symposium **Preparing for the ABR Therapy Exam** S Becker W Culbertson E Hipp	Therapy Educational Course **Small Field Dosimetry** Dao O Sauer A Ahnesjo Therapy Educational Course **Plastic Scintillation Detectors: Present Status and Their Application for Quality Assurance and In Vivo Dosimetry** S Beddar, L Beaudoe	Therapy Scientific Session **Planning, Delivery, and Verification: Brachytherapy** *J Pouliasdesian, J Esthappan*	SAM SESSION (8:00 - 10:00) Therapy Educational Course **Quality Control of Lung SBRT: Minimizing Uncertainties from Simulation to Treatment** F Yin S Benedict J Bradley J Cai K Wijesooriya	Joint Imaging-Therapy Symposium **New Frontiers Addressing the Range Uncertainty of Proton Therapy** K Parodi J Paull H Paganetti R Schulte	Imaging Symposium **Advanced Imaging for Breast Cancer: Screening, Diagnosis, and Assessing Response to Therapy** L MacDonald T Vartanelov A Karellas J Boone	SAM SESSION (8:00 - 10:00) Imaging Educational Course **Ultrasound QA** N Hangiandreou S Carson E Madsen	Joint Imaging-Therapy Scientific Session **Real-time Imaging and Motion Management** *S Hadley, S Jiang*	Practical Medical Physics **MRI Safety** J Orth D Jordan Practical Medical Physics **MRI 2** *R Stafford, J Ma*	Imaging Educational Course **Management and Reporting of Imaging Procedure Dose 1: Interventional Radiology / Cardiology** S Balter B Schueler K Jones
B 9:00 - 9:55										
	10:00 - 10:30 Coffee Break in Exhibit Hall									
C 10:30 - 11:25	Professional Symposium **Preparing for the ABR Diagnostic Exam** S Becker S Langer M Supanich	Professional Symposium **Professional Liability and Risk Management in Medical Physics Practice** D Jordan G Sherouse J Masten Professional Symposium **Open Access Publishing and Medical Physics** R Kepes W Hendee M Kahn M Mills	Therapy Educational Course **Imaging Needs for Proton Therapy** J Kruse H Kooy L Dong	Joint-Imaging Therapy Scientific Session **Science Council Session: Multi-Modality Imaging in Radiation Therapy: Planning, Guidance, and Assessment of Treatment Response** *D Peck, D Bourland*	Therapy Symposium **Research and Relevance of Brachytherapy Dose Calculation Advancements** G Ibbott F Ballester A Carlsson Tedgren F Mourtada	Imaging Scientific Session **Multi-Detector CT** *C McCollough, N Pelc*	Imaging Educational Course **The Art of the Image: The Identification and Remediation of Image Artifacts in Projection Radiography** A Walz-Flannigan W Geiser	Imaging Scientific Session **MRI 2** *R Stafford, J Ma*	Imaging Educational Course **The Management of Imaging Procedure Dose 2: Nuclear Medicine** W Butch F Fahey	Imaging Educational Course **The Management of Imaging Procedure Dose 3: Interventional Radiology / Cardiology** S Balter B Schueler K Jones
D 11:30 - 12:30										
	12:30 - 2:00 Lunch Break + Visit the Technical Exhibits **NOTE: Exhibits Close at 2:00 pm**									
E 2:00 - 2:55	Professional Symposium **Managing and Leading Others** A Mishima R Miller J Clements J Balter	Professional Symposium **RSO Refresher Training** C Martel F Fahey	Therapy Scientific Session **Precliniical Studies** *J Wong, R Berbeco*	INTERACTIVE SESSION Joint Imaging-Therapy Symposium **Physics Phisoft** M Kessler G Ezzell J Hazle J Bayouth K Brock	Therapy Educational Course **Solutions for Interconnectivity Issues in Radiation Oncology: Integrating the Healthcare Enterprise-Radiation Oncology (IHE-RO)** L Santanam, B Curran R Kapoor Therapy Educational Course **Safety Improvement Through Incident Learning** J Dieterich G Ezzell A Dicker A Hagan	Therapy Scientific Session **Calibration, QA, and Safety** *Y Xiao, J Moran*	Imaging Symposium **Session in Memory of Charles E. Metz - Past, Present and Future Roles of ROC Analysis in Medical Imaging and Quantitative Image Analysis** M Giger K Myers Y Tokiwano Y Jiang	Imaging Scientific Session **Ultrasound for Diagnostic Imaging** *J Zagzebski, P Carson*	Practical Medical Physics **Grantsmanship and Funding** J Dwyer E Romeijn T Mackie H Paganetti J Ye S McGuire	Imaging Educational Course **The Management of Imaging Procedure Dose 4: Nuclear Medicine** J Boone D Cody J Seibert
F 3:00 - 3:50	Therapy Scientific Session **Advances in Monte Carlo Dose Calculations** *J Seibers, S Jiang*									
	3:50 - 4:30 Refreshment Break - Hoosier Concourse									
G 4:30 - 6:00	History Symposium **Early Developments in Teletherapy Machines** P Almond C Orton	Professional Symposium **Medical Physics Economics** J Goodwin G White W Fuss	Therapy Scientific Session **Informatics and Patient Specific QA** *J Palta, J Bayouth*	Joint Imaging-Therapy Scientific Session **Novel Imaging Techniques and Applications** *J Fontenot, J Wong*	Joint Imaging-Therapy Scientific Session **MR-Guided Radiation Therapy** *S Mutic, B Fallone*	Joint Imaging-Therapy Scientific Session **Quality Assurance and Imaging Dose in IGRT Procedures** C Pelizzari, G Ding	Imaging Scientific Session **X-Ray Breast Imaging** *J Dobbins, I Sechopoulos*	Imaging Scientific Session **Cone-Beam CT** *R Fahrig, S Jiang*	Practical Medical Physics **Radiation Therapy Contouring: CNS and Cardiac/Thoracic** J Kinsella M Feng	Imaging Educational Course **The Management of Imaging Procedure Dose 5: National, International & Local Perspectives** S Balter M Rehani K O'Donnell
	6:15 - 7:30 AAPM Annual Business Meeting / Town Hall Meeting - AAPM Board of Directors Members (Wabash Ballroom)									

Thursday, August 8

	Room 105	Room 137	Room 108	500 Ballroom	Wabash Ballroom	Room 141	Room 103	Room 134	Room 116	Room 144
A 8:00 - 8:55	Therapy Educational Course **A Report on Flattening Filter Free Linear Accelerators from the Therapy Emerging Technology Assessment Work Group** S Kry	Therapy Scientific Session **Planning and Delivery: SRS, SBRT, and VMAT** *D Low, T Pawlicki*	Therapy Symposium **Radiation Dose Calculations on Graphics Processing Units (GPUs): Advances and Challenges** J Xun X Gu T McNutt S Hissoiny	SAM SESSION (8:00 - 10:00) Therapy Educational Course **Electron Radiotherapy: Past, Present, and Future** J Antolak K Hogstrom	Joint Imaging-Therapy Scientific Session **PET/SPECT/Nuclear/CT/Optical Imaging for Functional Evaluation** *M Willen, P Kinahl*	Imaging Scientific Session **Novel Modalities/MI Imaging** *X Liet, S Cho*	Imaging Scientific Session **Spectral CT and Breast CT** *A Karellas, L Yu*	Imaging Educational Course **Breast Imaging QA** W Geiser D Reiner	Therapy Scientific Session **IMRT Optimization, Plan Evaluation, and Robustness Analysis** Q Wu, S Jiang	Imaging Educational Course **Lens of the Eye Dosimetry** M Rehani D Zhang
B 9:00 - 9:55	Therapy Educational Course **Accuracy and Precision in Cranial Radiosurgery** T Bichay S Dieterich D Schlesinger									
	10:00 - 10:30 Coffee Break - Hoosier Concourse									
C 10:30 - 11:25	Professional Symposium **Medical Physics Practice Guidelines** J Pfeiendiener M Chan J Fontenot D Cody	Therapy Scientific Session **External Beam Treatment Planning** *F McNeal, X Jia*	Therapy Educational Course **Radiobiological Models in Brachytherapy Planning and Evaluation** Z Chen D Carlson Therapy Educational Course **Implementing MR-Guided Adaptive Brachytherapy for Cervical Cancer** O Craciunescu J Cai J Chino	Therapy Symposium **Collaborative Knowledge Modeling and Integration for Radiation Therapy Planning** C Mayo W Verbakel Q Wu Y Xiao	Joint Imaging-Therapy Scientific Session **Image Segmentation and Atlas** *E Bender, D Yang*	Joint Imaging-Therapy Scientific Session **Use of MR Imaging in Radiation Therapy** Y Cao, R Cormack	Imaging Scientific Session **Cone-Beam CT and CT Image Reconstruction** *X Pan, J Hsieh*	Imaging Educational Course **Computed Tomography 2** D Bakalyar F Ramaiah	Practical Medical Physics **Managing a Treatment Planning System** G Newman J Chang K De Wyngaert M Feng	Therapy Scientific Session **Proton Range Uncertainty** *Z Kiem, I Dan*
D 11:30 - 12:30										
	12:30 - 1:00 Box Lunch - Hoosier Concourse									
E 1:00 - 1:55	Professional Symposium **Next Steps Toward Revising Radiation Protection Regulations** D Cool C Flannery	Therapy Educational Course **Status of ART in the Clinic** K Li N Mayr D Yan D Jaffray		**500 Ballroom** Therapy Symposium **Formal Radiation Therapy Safety Processes** S Huq T Pawlicki G Sherouse	**Wabash Ballroom** Joint Imaging-Therapy Symposium **MR Guided Tx Planning** E Paulson Y Cao R Cormack		**Room 103** Imaging Symposium **Nanotechnology & Molecular Imaging** L Xing G Prate S Chang B Pogue		**Room 144** Imaging Educational Course **MRI Parallel Imaging** N Yanasak F Counse	
F 2:00 - 2:50	Therapy Scientific Session **Radiobiology and Biological Modeling** *Z Chen, X Li*									
	2:50 - 3:30 Poster TEAR-DOWN									

CLOSE OF MEETING
See you next year in Austin, Texas!
July 20 - 24, 2014