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

2011 Joint AAPM/COMP Meeting Program

Sunday, July 31

A 9:30 - 11:00: Professional Council Symposium — Preparing for Radiation Oncology ACR / ASTRO Accreditation — C. Serago, P. Tipuamer, M. Steinberg, I. Dale, C. Mac — Room 211; AAPM Medical Physics Student Meeting — Room 110

B 11:00 - 12:30: Education Council Symposium — Patient Safety Education — J. Bayouth, M. Herman, P. Dunscombe, D. Brown, S. Mutic — Ballroom A

11:00 - 12:00: COMP Student Council Meeting - Room 110

1:00: Exhibit Hall Open
Refreshment Break in Exhibit Hall

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
C 1:00 - 2:15	Therapy Short Orals Session — Patient Safety and QA: Detectors and Measurements — N. Papanikolaou, G. Sibuet	Therapy Short Orals Session — Treatment Delivery & Verification: Electrons and Photons — K. Li, T. Nurschen	Therapy Short Orals Session — Stereotactic Radiosurgery and Body Radiotherapy — S. Dieterich, K. Venice	Therapy Short Orals Session — Radiotherapy Treatment Planning and Optimization — M. Matuszak	Joint Imaging-Therapy Short Orals Session — Cone-Beam CT — W. Lauk, J. Bakke	Joint Imaging-Therapy Short Orals Session — Motion / Management in Therapy Planning — B. Sintay, J. Li	Imaging Scientific Session — Small Animal / Preclinical Imaging — J. Wong	Imaging Short Orals Session — New Technology — L. Yu, A. Karellas	Imaging Short Orals Session — Radiography / Projection Imaging — C. Cagnon, S. Molloi
D 2:15 - 3:00		Therapy Short Orals Session — Treatment Delivery & Verification: Intensity-Modulated Photons — N. Dualan, N. Dogan	Therapy Short Orals Session — Dose Calculations: Monte Carlo Methods — C. Ma, I. Popescu	Joint Imaging-Therapy Short Orals Session — Imaging for Therapy Assessment — D. Fan, T. Fox	Joint Imaging-Therapy Short Orals Session — Patient Safety and QA: Calculation Tools & Procedures — R. Price	Joint Imaging-Therapy Short Orals Session — Functional / Molecular Imaging and MRI — H. Al-Hallaq, S. Mutic		Imaging Short Orals Session — Imaging Performance Modeling — F. Noblinski, L. Cunningham	Ultrasound Short Orals Session — Image Guidance and Radiation Therapy — F. Verhaegen
E 3:00 - 4:00	EXHIBIT HALL — Refreshment Break, Posters, and Technical Exhibits								
	3:00 - 3:30 — Refreshment Break in the Exhibit Hall						3:00 - 6:00 — GENERAL POSTER DISCUSSION — Education, Imaging, Joint Imaging-Therapy, Therapy		
	3:30 - 4:00 — Best in Physics — Poster Theatres and Discussion in the Exhibit Hall								
F 4:00 - 5:00	4:00 - 4:30 — John R. Cameron - John R. Cunningham Young Investigators Symposium — P. Podgorsak, D. Frey — Ballroom A								

(Exhibit Hall OPEN until 6:00 pm)

Monday, August 1

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
A 8:00 - 9:55	Therapy Educational Course — A Review of the TG-201 Rapid Communication on Tissue Tissue Transfer — R. Stock, J. McGeachie, K. Blosch	Therapy Educational Course — Proton Therapy Overview — J. Flanz, M. Bertolet, J. Polde	Therapy Educational Course — Planning, QA, and the Role of Imaging of Localization for Pelvic Treatments — A. Johnson, A. Lawyer	Therapy Educational Course (SAM) — Breathing-Induced Motion Management in Radiation Therapy — G. Chen, G. Mageras, D. Low, G. Starkschall	Imaging Symposium: 3D Breast Models — B. Hoffmann, S. Glick, P. Bakic, I. Reiser	Imaging Educational Course — Radiography I — M. Jaspan, M. Supanich	Imaging Educational Course (SAM) — Calculating Dose (Gross I + II) — M. Mahesh, M. McNitt-Gray, J. Kindler, A. Karellas, G. Artigue	Imaging Educational Course — Image Reconstruction I — J. Hsieh, G. Frey, M. Herman, M. Mitic, D. Wilkins	Imaging Educational Course — Ultrasound I — Hands-On Workshop — J. Zagzebski, S. Sulkin, M. Lazebnik, M. Lesson, J. Lu
B 9:55 - 9:55	Therapy Educational Course — Clinical Implementation and Application of Monte Carlo Methods in Photon and Electron Dose Calculation — N. Tyler, J. Cygler	Therapy Educational Course — Dosimetry of Small Fields — I. Das, T. Mackie				Imaging Educational Course — Information I — G. Frey, M. Flynn		Imaging Educational Course — Breast Imaging I — E. Berkis	

10:00 - 10:20: Coffee Break in Exhibit Hall

Professional Symposium — The Future of Medical Physics Research — Ballroom A — J. Bevan, R. Fahrig, G. Starkschall, P. Halvorsen, W. Hendee

12:30 - 2:00 Lunch Break + Visit the Technical Exhibits

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
D 2:00 - 3:55	Professional Symposium — AMR 2011: Trained for Emergence — E. Klein, G. Ibbott, J. Bayouth	Therapy Symposium: Steven A. Leibel Memorial Lecture — Advanced IMRT Planning and Delivery and Pulsed Radiotherapy — C. Ling, M. Bortolussi, T. Bortfeld, T. LoSasso, I. Chetty	Therapy Scientific Session — Stereotactic Radiosurgery and Body Radiotherapy — T. Solberg, B. Kavanagh	Joint Imaging-Therapy Scientific Session — Cone-Beam CT — L. Ding, J. Siewerdsen	Joint Imaging-Therapy Symposium — 4D MRI for Radiation Therapy of Moving Tumors — L. Xing, J. Bredella, J. Cai, P. Parikh	Imaging Symposium — Patient Dose in Fluoroscopy: Estimating Patient-Specific Radiation Dose from Fluoroscopy — K. Kelsey, J. Strauss, M. Paulozzi, P. Alaei, W. Huda	Imaging Educational Course — Radionuclides I — M. O'Connor	Joint AAPM - COPM Education Session — M. Schmid, P. Sprawls, J. Bertolet, W. Beckham, J. Cai, G. Frey, M. Herman, M. Mitic, D. Wilkins	Ultrasound Scientific Session — Photoacoustic and Other Novel Imaging and QC — K. Wang, P. Kaczkowski
E 3:00 - 3:50							Imaging Educational Course (SAM) — MRI I — I. Bencze, M. Prior, D. Reeve		

3:50 - 4:30 Refreshment Break in Exhibit Hall

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
F 4:30 - 5:15	Professional Symposium — Preparing for Diagnostic ACR Accreditation — D. Pfeiffer, D. Hernandez	Therapy Short Orals Session — Radiation Protection and Shielding — J. Sandison, E. Podgorsak	Therapy Short Orals Session — Dose Calculations: Non-Monte Carlo Methods — T. Ahnesjo, T. Alonso	Joint Imaging-Therapy Short Orals Session — Motion Management for Treatment Delivery — D. Low, E. Brock	Therapy Symposium — Patient Safety and QA: Detectors and Measurements — A. Klein, R. Stern	Imaging Scientific Session — Dosimetry: Radiography, Fluoroscopy, and Nuclear Medicine — E. Gingold, S. Schafer	Practical Medical Physics — MRI: Clinical Applications and New Techniques — E. Jackson, D. Pickens	Practical Medical Physics — Writing and Reviewing Papers for the Medical Physics Journal — W. Hendee, D. Rogers, A. Karellas, P. Slattery	Imaging Educational Course — Ultrasound II — Current and Future Features of Ultrasound — T. Nelson, S. Metz, S. Smith, A. Milkowski, N. Rognin
G 5:15 - 6:00		Therapy Short Orals Session — Brachytherapy and Radionuclide Therapy — J. Pirzkendahm, M. Rivard	Therapy Short Orals Session — Small Animal Studies and Radiobiology — R. Stewart, S. Brown	Joint Imaging-Therapy Short Orals Session — Outcome Modeling — J. Bourhaeder, J. Deasy		Imaging Scientific Session — Dosimetry: Radiography, Fluoroscopy, and Nuclear Medicine — E. Gingold, S. Schafer	Imaging Scientific Session — Cardiac Imaging, Fluoroscopy, and Image Fusion — R. Fahrig, S. Rudin		

6:30 - 8:00 AAPM Awards Ceremony (Ballroom A)
and
8:00 - 9:00 Reception (Convention Center)

Tuesday, August 2

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
A 8:00 - 9:55	Therapy Educational Course — MR Navigation and Image Guidance — E. Rasmussen, N. Jeraj, S. Beddar	Therapy Educational Course — Planning, QA, and the Role of Imaging in Localization for Head and Neck Treatments — C. Mayo, Y. Garces, L. Dong, R. Howell	Therapy Scientific Session — Treatment Planning Optimization — T. Bortfeld, A. Fraass	Joint Imaging-Therapy Scientific Session — Imaging for Therapy Assessment — Y. Cao, N. Jeraj	Imaging Educational Course — Radionuclides II — C. Kappadath, E. Garcia	Imaging Educational Course — Radiography II — E. Seibert, E. Samei, S. Richard	Imaging Educational Course — Image Reconstruction II — A. Jones, J. Fessler	Imaging Scientific Session — Breast Imaging — C. Shaw, M. Giger	Ultrasound Scientific Session — Quantitative Imaging — J. Fowlkes, M. Kolios
B 9:55 - 9:55					Imaging Educational Course (SAM) — MRI II — M. Bernstein, N. Vanasupa	Imaging Educational Course — Informatics II — D. Pinto, S. Balter, R. Morin	Imaging Educational Course (SAM) — Proton and Risk I — M. Mahesh, W. Paulicka		Ultrasound Imaging Symposium — Advanced Imaging Systems — R. Entrekin

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

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
C 10:30 - 11:25	Professional Symposium — Women's Professional Subcommittee Panel: Successful Career Strategies in Medical Physics — J. Bevan, A. Molineu, S. Dieterich, M. Fox, X. Zhu, M. Giger	Therapy Educational Course — TG-61 Review and Update — D. Rogers, M. McEwen	Therapy Scientific Session — Patient Safety and QA: Procedures and Calculation Tools — M. Hug, J. Seuntjens	Therapy Educational Course (SAM) — Imaging Biomarkers: Interpreting and Display for Guiding and Adapting Radiotherapy — L. Dong, J. Seuntjens, J. Sonke	Joint Imaging-Therapy Scientific Session — Localization — F. Yin, T. Pawlicki	Imaging Symposium — Radiation Dose in CT: Calculating Patient-Specific Doses in CT — M. McNitt-Gray, X. Xu, E. Samei	Imaging Scientific Session — Cardiac Imaging, Fluoroscopy, and Image Fusion — R. Fahrig, S. Rudin	Practical Medical Physics — Going Paperless in Radiation Oncology Clinics — S. Jani, T. Nurushev	Ultrasound Imaging Symposium — Elastography Imaging — A. Ophir, A. Cosgrove, P. Bayat, S. Manohar, S. Tretiakov, X. Yang, X. Wang, K. Statz
D 11:30 - 12:30									

12:30 - 2:00 Lunch Break + Visit the Technical Exhibits

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
E 2:00 - 2:55	Professional Symposium — The Role of Voluntary versus Mandatory Regulatory Standards — L. Suleiman, G. Balter, R. Procopio, W. Bolch	Therapy Symposium — In Memoriam of Gail Adams: How Should We Verify Complex Radiation Therapy Treatments? — M. Oldham, G. Ibbott, B. Mijovic, T. Zhu	Therapy Scientific Session — Dose Calculations: Monte Carlo Methods — I. Chetty, J. Cygler	Joint Imaging-Therapy Scientific Session — Motion Management in Treatment Planning — D. Low	Joint Imaging-Therapy Symposium — Preclinical and Clinical Hypoxia Imaging — Current and Emerging Methods and Applications — K. Graves, D. Hristov, M. Jeraj, R. Mason	Imaging Symposium — Multiple Source X-ray Imaging — N. Pelc, G. Zhou, M. Speidel	Imaging Educational Course (SAM) — Breast Imaging II + III — E. Gingold, A. Maidment, B. Liu	Practical Medical Physics — Clinically Focused Physics Education — P. Sprawls	Ultrasound Imaging Symposium — Breast Imaging and Guidance of Interventions — A. Fenster, M. Avalle, K. Kelly, P. Carson, N. Duric, T. Varghese, S. Boyer
F 3:00 - 3:50									

3:50 - 4:30 Refreshment Break in Exhibit Hall

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
G 4:30 - 6:00	Professional Symposium — New Member Symposium: Meet the Experts — J. Clements, D. Shemison, E. Klein, J. Bayouth, P. Alaei, M. Mills	Therapy Symposium — Predicting and Exploiting the Effects of Radiation Quality in Ion Therapy — D. Carlson, H. Paganetti, M. Goitein, J. Debus, N. Reinhardt	Therapy Scientific Session — Treatment Delivery & Verification: Protons and Other Heavy Particles — S. Avery, Z. Li	Joint Imaging-Therapy Scientific Session — Motion Management for Treatment Delivery — M. Rosu, G. Mageras	Joint Imaging-Therapy Symposium — Normal Tissue Imaging of Dose Response — Y. Cao, D. Hallahan, S. Dai	Imaging Scientific Session — Dual-Energy CT — M. Goodsitt, J. Stayman	Imaging Scientific Session — In Memoriam of Dr. Stephen Graham — Nuclear Medicine — P. Kinahan, M. Martin	Practical Medical Physics — Prostate and Head and Neck Contouring — T. Solan, J. Wu, I. Hsu	Ultrasound Imaging Symposium — Quantitative Imaging and Measures — J. Jiang, R. Wilke, K. Nightingale, T. Hall, W. O'Brien, J. Fatemiya, D. Thelen

6:00 - 8:00 AAPM Night Out

Wednesday, August 3

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
A 8:00 - 9:55	Therapy Educational Course — Implanted Target Surrogates for Radiation Treatment Verification — Z. Wang, N. Kirshner	Therapy Educational Course — Commissioning and Implementation of New Equipment or Treatment Paradigms — J. Sohn, M. Pankuch	Therapy Scientific Session — Brachytherapy and Radionuclide Therapy — L. Dewbre, J. Poulsen	Joint Imaging-Therapy Symposium — Improving Patient Safety in Radiation Therapy — E. Ford, B. Fraass, S. Mutic, P. Dunscombe, S. Suller, D. Hallahan	Imaging Educational Course — Teaching New ABR — E. Mitchell, M. Mahesh, K. Kanal, M. Khandelwal	Imaging Educational Course — Radiography III — M. Flynn, D. Leong, S. Shepard	Imaging Symposium — A Critical Analysis of Radiation Risks in Diagnostic Radiology — C. McCollough, R. Vetter, L. Wagner, M. O'Connor	Imaging Scientific Session — CT Reconstruction — C. Otto, P. Roos	Ultrasound Thermal Therapy Symposium — Clinical Systems and Applications — D. Schlesinger, J. Hwang, K. Hynynen, C. Diederich
B 9:55 - 9:55	Therapy Educational Course — Cranial Stereotactic Radiosurgery (SRS) and Radiotherapy (SRT) — R. Venkat, T. Solberg	Therapy Educational Course — Therapy QA of Radiation Delivery Systems — TG-142 and Beyond — E. Klein, K. Langen, S. Dieterich			Imaging Educational Course — Mammography — M. Mahesh, M. Sonnenblick	Imaging Educational Course — Informatics III — D. Pinto, W. Paulicka, J. Seibert			Ultrasound Thermal Therapy Symposium — Image Guidance — Monitoring and Control — K. Parekkat, N. Chopra, C. Lafon, D. Schlesinger

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

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
C 10:30 - 11:25	Professional Symposium — Medical Physics in Africa — P. Gueye, T. Ige, H. Al-Hallaq, A. Tang	Therapy Educational Course — Review of the Radiobiological Principles of Radiotherapy and Radiation Protection — C. Orton, C. Borras	Therapy Scientific Session — Treatment Delivery and Verification: Intensity-Modulated Photons — S. Jiang, C. Cotrutz-Hurtz	Therapy Educational Course (SAM) — Stereotactic Body Radiotherapy (SBRT) — M. Milano, B. Kavanagh, N. Papanikolaou	Joint Imaging - Therapy The John S. Laughlin - Science Council Research Symposium — Science and Technology for Patient Safety in Imaging and Diagnostic Medical Physics — M. Hendee, T. Mackie	Imaging Scientific Session — Multi-Detector CT — A. Goenka	Imaging Educational Course (SAM) — MR Safety — D. Bluemke, R. Stafford, E. Kanal	Practical Medical Physics — Overview of Accreditation Programs for Radiation Therapy Practices — C. Siders, M. Kuettel, T. Miller, J. Proctor	Ultrasound Thermal Therapy Symposium — Advanced Technology and Image Guidance — K. Bailey-Franklin, C. Chan, C. Lafon, D. Schlesinger
D 11:30 - 12:30									Ultrasound Scientific Session — Ultrasound Image Guidance in Radiotherapy — M. Salter, F. Verhaegen

12:30 - 2:00 Lunch Break + Visit the Technical Exhibits
NOTE: Exhibits Close at 2:00 pm

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
E 2:00 - 2:55	Professional Symposium — Preparing for AMR Board Exams — S. Becker, K. Stump, M. Flynn, A. Sutlief	Therapy Symposium — Outcome Modeling Including Quantec — M. Milano, B. Tom Kharas, J. Deasy, L. Marks	Therapy Scientific Session — Patient Safety and QA: Detectors and Measurements — K. Langen, J. Van Dyk	Joint Imaging-Therapy Scientific Session — Image Processing — J. Wang, D. Jaffray	Joint Imaging-Therapy Symposium — Targeted Radiotherapy Imaging — J. Mikell, E. Frey, P. Robertson, L. Williams	Imaging Educational Course — Image Reconstruction III — A. Jones, J. Fessler	Imaging Symposium — X-ray Phase Contrast — Phase Contrast CT Imaging — G. Chen, D. Connor, H. Lee, J. Zambelli	Practical Medical Physics — Emerging Technology Implementation of VMAT — J. Garkin, F. Vio	Ultrasound Thermal Therapy Symposium — New Technologies & Therapeutic Strategies — C. Lafon, K. Hynynen, N. McDannold, K. Parekkat, S. Maas
F 3:00 - 3:55						Imaging Educational Course — Protection and Risk II — M. Rehani, D. Bluemke, D. Chakraborty			

3:50 - 4:30 Refreshment Break - Level 1
Poster TEAR-DOWN in Exhibit Hall C
(Exhibits close at 6pm)

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
G 4:30 - 6:00	History Symposium — Historical Aspects of Brachytherapy — L. Rothenberger, B. Hilaris, J. Sir, German	Therapy Scientific Session — Modeling of Therapy Outcome — M. Martel, A. Niahum	Therapy Symposium — Safety and QA for SRS / SBRT — I. Chetty, D. Jaffray, S. Benedict, T. Solberg	Education Symposium — Innovative Medical Physics Education — P. Sprawls, J. Bielecka, J. Van Dyk, B. Parker, P. Dunscombe, U. Sinha	Joint Imaging-Therapy Symposium — Functional / Molecular Imaging and MRI — J. Bouchard, L. Xing	Imaging Scientific Session — Imaging Performance: Modeling and QC — S. Richard, D. Chakraborty	Imaging Scientific Session — Optical Imaging and Novel / Unconventional Technologies — S. Chin, R. Kruger	Practical Medical Physics — Practical Concerns with Airport Whole Body Security Scanners — P. Stewart, J. Gray, J. Moulder, D. Kassiday, J. Seppenwoolde	Ultrasound Therapy Symposium — Treatment Strategies, Modeling, Control, and Assessment — M. Stafford, B. Mikos, D. Haemmerich

6:15 - 7:30 AAPM Annual Business Meeting / Town Hall Meeting - AAPM Board of Director Members
Ballroom C

Thursday, August 4

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
A 8:00 - 9:55	Therapy Educational Course — Automated Segmentation through Deformable Registration — E. Schreibmann, X. Han, L. Dong	Therapy Educational Course — Review of the Radiobiological Principles of Radiotherapy and Radiation Protection — C. Orton, C. Borras	Therapy Educational Course — Proton Brachytherapy Quality Assurance and Treatment Evaluation — M. Martel, Z. Chen	Therapy Educational Course (SAM) — Stereotactic Body Radiotherapy (SBRT) — M. Milano, B. Kavanagh, N. Papanikolaou	Imaging Scientific Session — CT Dosimetry — T. Boone, B. Angel	Imaging Educational Course — Radiography IV — M. Flynn, J. Yorkston, E. Gingold	Imaging Educational Course (SAM) — Radionuclide III + IV — S. Kappadath, L. Williams	Imaging Educational Course — Dose IV — M. Hickson, K. Strauss	Joint Imaging Therapy Symposium — Treatment Strategies, Modeling, Control, and Assessment — Image Processing — M. Kessler, W. Zhejiangski
B 9:55 - 9:55	Therapy Educational Course — PET Imaging for Radiation Therapy Planning, Delivery and Response Assessment — A. Pugachev, A. Kirov, P. Lambin	Therapy Educational Course — Late Effects from Radiotherapy: Secondary Cancers and Cardiac Toxicity — R. Howell, W. Newhauser	Therapy Educational Course — HDR Brachytherapy Including Commissioning and Quality Assurance for HDR Applicators — S. Petik, M. McNee, M. Chiblow			Imaging Educational Course — Informatics IV — D. Pinto, R. Birch, S. Dieterich		Imaging Educational Course — Breast Imaging IV — R. Rappaport	

15:00 - 15:30: Coffee Break on Level 1 near Registration

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
C 10:30 - 11:25	Professional Symposium — Economic Focus: Practical Aspects — C. Serago, J. Goodson, G. White, F. Bagne	Therapy Symposium — The Present and Future of Online Adaptive Radiotherapy — S. Jiang, A. Mundt, L. Dong, X. Li	Therapy Scientific Session — Treatment Delivery & Verification: Protons and Other Heavy Particles — H. Paganetti, M. Moran	Joint Imaging-Therapy Scientific Session — Motion Management for Treatment Delivery — U. Oelfke, C. Yu	Joint Imaging-Therapy Symposium — Molecular and Functional Imaging for Treatment Planning — R. Jeraj, Y. Cao, D. Visvikis, V. Gregoire	Imaging Symposium — Quantitative CT Imaging and Analysis — Limitations of CT Scanner as a Measurement Instrument — B. Arnold, J. Boone, J. Hsieh, N. Petc	Imaging Educational Course — Protection and Risk III & IV — M. Rehani, D. Suleiman, R. Rappaporte	Practical Medical Physics — Review of Radiation Dosimetry for Diagnostic Radiology — J. Hoskinson, J. Wagner, D. Jordan, D. Hintenberg, Z. Liu, D. Lewis	Ultrasound Scientific Session — Small Animal Studies and Radiobiology — J. Bayouth, B. Ayuhegan
D 11:30 - 12:30									

12:30 - 1:00 Lunch Break on your own

	Room 224	Ballroom A	Ballroom B	Ballroom C	Room 214	Room 110	Room 211	Room 301	Room 220
E 1:00 - 1:55	Professional Symposium — Role of Medical Physics in Federal and State Government — D. Fletcher, R. Rodgers, D. Suleiman, S. Keith, D. Gilley	Therapy Symposium — Mathematical Oncology: Multi-Scale Modeling of Tumor Growth, Microenvironment and Response to Therapy — H. Hirata, M. Zaider, R. Gatenby	Therapy Scientific Session — Treatment Planning for External Beam Radiotherapy — L. Santanam, Y. Xiao	Joint Imaging-Therapy Scientific Session — Dose Calculations: Monte Carlo Methods — D. Rogers, R. Faddegon	Joint Imaging-Therapy Symposium — Nano-Technology Applications in Radiation Oncology — S. Cho, M. Khan, S. Krishnan, M. Stafford, J. Weaver	Imaging Scientific Session — Cone-Beam CT and CT Clinical Applications — I. Sechopoulos, J. Siewerdsen	Imaging Educational Course — CT Dosimetry — K. Kanal, M. McNitt-Gray	Practical Medical Physics — CT Accreditation Program Phantom Submission Process — D. Pfeiffer	Joint Imaging Therapy Symposium — Image Guidance and Localization — B. Salter, M. Shapiro
F 2:00 - 2:55									

CLOSE OF MEETING
See you next year in Charlotte!
July 29 - August 2, 2012