

The Authors identified in this section will be speaking in the designated sessions. Please see the "Program of the Meeting" and "Scientific Abstracts and Sessions" for all contributing authors.

<b>SUNDAY, JULY 14</b>				
Room: 517 A				
AA 8:00 - 9:30	Education Council Symposium: Maintenance of Competence - National & International Perspectives  Moderator: <i>D. Frey</i>  Speakers: <i>D. Frey, S. Thomas, I.-L. Lamm, L. Samson</i>		Various committee & council meetings throughout the day at the Palais Convention Center	
Room: 517 D				
BB 9:30 - 11:00	Professional Council Symposium: Review of the ASTRO/ACR Joint Economics Committee Radiation Oncology Coding User's Guide 2001  Moderator: <i>M. Gillin</i>  Speakers: <i>J. Hevezi</i> <i>M. Gillin</i>			
Room: 517 A				
CC 11:00 - 1:00	Young Investigators Symposium  Moderator: <i>M. Martel</i>			
<b>1:00</b>	<b>Exhibit Hall Opens</b> <b>Box Lunch/Refreshment Break in Exhibit Hall</b>			
AAPM Poster Presentation Sessions				
Therapy, Electronic, and Works in Progress Poster Sessions		Diagnostic Imaging, Electronic and Works in Progress Poster Sessions		
DD 1:30 - 2:30  Chairs: <i>C. Reft</i> <i>K. Gall</i>	Calibration & Quality Assurance Dose Calculations Dosimetry Instrumentation Improvements in Conventional Treatment Planning Treatment Delivery Systems Treatment Techniques	EE 1:30 - 2:30  Chair: <i>K. Hoffman</i>	MRI/MRS/MRA CT PACS in Diagnostic Radiology Visualization Techniques	
FF 2:30 - 3:30  Chairs: <i>A. Williams</i> <i>J. Sohn</i>	Image Guided Therapy Imaging Techniques & Tools Particle Based Radiation Therapy Radiobiology Stereotactic	GG 2:30 - 3:30  Chair: <i>A. Karellas</i>	Mammography Digital Radiography General Radiography	
HH 3:30 - 4:30  Chair: <i>P. Xia</i>	Brachytherapy Monte Carlo General IMRT Delivery IMRT Optimization IMRT Verification/Validation Therapy-Other	II 3:30 - 4:30  Chair: <i>C. Tenney</i>	Nuclear Medicine/SPECT/PET Radiation Protection Instrumentation; Diagnostic - Other	
<b>4:30-5:30</b>	<b>Refreshment Break in Exhibit Hall</b>			
Room: 519				
<b>4:00 - 5:30</b>	<b>CCPM Annual Business Meeting</b>			
<b>5:30 - 7:00</b>	<b>COMP Annual Business Meeting</b>			

MONDAY, JULY 15						
	Room: 517 A	Room: 517 B	Room: 517 D	Room: 517 C	Room: 518	Room: 519
A 7:30 - 8:25	CE - Treatment Delivery Systems 1  The Theory & Operation of Computer-controlled Medical Linear Accelerator  <i>T. Waldron</i>	Approaches to Inverse Planning I  <i>J. Galvin L. Xing</i>	CE - Imaging in Radiation Oncology 1  Use of CT & PET in Radiation Therapy  <i>S. Mutic</i>	CE - Full Field Digital Mammography 1  Digital Mammography - Detectors, Clinical Evaluation and Applications  <i>M. Yaffe</i>	CE - MRI 1  Introduction to MR Safety  <i>D. Drost</i>  MR Safety for the New Millennium: The New ACR Guidelines  <i>E. Kanal</i>	CE - Angiography 1  3D Xray Angiography  <i>K. Hoffman</i>
B 8:30 - 9:25	CE - Clinical Issues for IMRT 1  Quality Assurance of IMRT Delivery Systems  Varian <i>T. LoSasso</i>  Siemens <i>L. Verhey</i>  Elekta <i>M. Sharpe</i>	Film Dosimetry  <i>I. Das C. Cheng S. Pai</i>	Cancer Biology - How a Cell Responds to DNA Damage  <i>J. Sarkaria</i>	CE - Full Field Digital Mammography 2  Emerging Clinical Digital Mammography Technologies  <i>A. Karellas</i>		CE - Angiography 2  Angiographic PACS  <i>R. Cecil</i>
<b>9:30 - 10:00</b> Coffee Break in Exhibit Hall						
C 10:00-12:00	Room: 517 A  AAPM President's Symposium  Invited Comments by Radiological Society of North American President <i>N. Bryan</i>  Perspectives on Radiation Effects  Moderator: <i>R. Gould</i>  Speakers: <i>B. Cohen, J. Cameron, J.Lipoti</i>					
<b>12:00 - 1:30</b> LUNCH BREAK						
D 1:30 - 3:20	Scientific Session  IMRT Optimization1  Chairs: <i>B. Fraass L. Xing</i>	Scientific Session  Treatment Techniques & Delivery Systems  Chairs: <i>E. Klein J. Gibbons</i>	Scientific Session  Dose Calculations  Chairs: <i>R. Stern J. Moran</i>	CE - PACS 1  Advances In PACS  <i>L. Hefner L. Niklason R. Morin</i>	Scientific Session  Applications of MRI  Chair: <i>G. Santyr</i>	CE - Ultrasound 1  BioEffects and NCRP on Ultrasound  <i>P. Carson B. Fowlkes</i>  1:30 - 2:25  Scientific Session  Ultrasound  Chairs: <i>P. Carson B. Fowlkes</i>  2:30 - 3:30
<b>3:20 - 4:00</b> Refreshment Break in Exhibit Hall						
E 4:00 - 5:30	Therapy Symposium  Treatment & Treatment Planning with Gene Therapy  Moderator: <i>M. Herman</i>  Speakers: <i>K. Olivier T. Deweese C. Pelizzari</i>	Scientific Session  Radiobiology  Chairs: <i>J. Deasy M. Martel</i>	Scientific Session  Monte Carlo 1  Chairs: <i>J. Seibers I. Chetty</i>	COMP Symposium on Canadian Synchrotron Light Source  Moderator: <i>B.G. Fallone</i>  Speakers: <i>E. Hall W. Thomlinson</i>	Multislice CT vs. Radiography Debate  Moderator: <i>E. Nickoloff</i> Participants: <i>S. Fox, S. Schaller S. Bushong, M. Goodsitt O. Suleiman</i>	CE - Angiography 3  Panel Discussion Fluoroscopic Skin Dose Measurements  Moderator: <i>S. Balter</i> Participants: <i>D. Fletcher, P. Kuan, D. Miller D. Richter, H. Seissl T. Shope</i>
<b>6:00 - 8:30</b> AAPM Awards Ceremony & Reception – The Fairmont The Queen Elizabeth Hotel						

TUESDAY, JULY 16						
	Room: 517 A	Room: 517 B	Room: 517 D	Room: 517 C	Room: 518	Room: 519
A 7:30 - 8:25	CE - Treatment Delivery Systems 2  Field Shaping; Design Characteristics & Dosimetry Issues  <i>T. Solberg</i>	Approaches to Inverse Planning II  <i>S. Spirou</i> <i>R. Mohan</i>	CE - Imaging in Radiation Oncology 2  Use of Magnetic Resonance Imaging and Spectroscopy in Radiation Therapy  <i>B. Pickett</i>	CE - Full Field Digital Mammography 3  The GE Senographe 2000D  <i>L. Niklason</i>	CE - MRI 2  Can Exposure to a MRI Procedure Elicit Non-Thermal, Non-Stochastic Biological Effects?  <i>F. Prato</i>	CE - Ultrasound 2  Quantitative IntraVascular UltraSound  <i>J. Dijkstra</i>
B 8:30 - 9:25	CE - Clinical Issues for IMRT 2  Patient-Based Quality Assurance for IMRT  <i>D. Verellen</i>	Monte Carlo Techniques  <i>J. Siebers</i>	TG-70 Update: Clinical Electron Beam Dosimetry in the Era of TG-51  <i>B. Gerbi</i>	CE - Full Field Digital Mammography 4  The Fischer Senoscan FFDM System  <i>G. Besson</i>	CE - MRI 3  FDA Guidelines for Magnetic Resonance Equipment Safety  <i>L. Zaremba</i> <i>R. Phillips</i>	CE - Ultrasound 3  Basic Physics  <i>J. Zagzebski</i>
<b>9:30 - 10:00</b> Coffee Break in Exhibit Hall						
C 10:00-12:00	Scientific Session  IMRT Delivery 1  Chairs: <i>L. Verhey</i> <i>S. Chang</i>	The Jack Krohmer Memorial Professional Course  Introduction: <i>R. Tanner</i>  Legal Issues in Medical Physics <i>J. Masten</i> <i>C. Kennedy</i>  Practical Examples of Radiation Oncology Billing using the ASTRO/ACR Radiation Oncology Coding User's Guide, 2001 <i>J. Hevezi, M. Gillin</i>	Scientific Session  Image Guided Therapy  Chairs: <i>J. Balter</i> <i>J. Kruse</i>	Scientific Session  Mammography  Chair: <i>Y. Jiang</i>	Scientific Session  MRI  Chair: <i>E. Jackson</i>	CCPM/COMP Symposium on Gel Dosimetry  Moderator: <i>J. Schreiner</i>  Speakers: <i>C. Duzenli</i> <i>C. Baldock</i> <i>G. Ibbott</i> <i>J. Schreiner</i>  Participants: <i>K. Jordan</i> <i>M. Oldham</i> <i>K. Shortt</i>
10:00 - 2:00	Room: 515 B  Hands-On Ultrasound Physics and Quality Control Workshop Presenters: <i>R. Kruger and Z.-F. Lu</i> Coordinator: <i>T. Wilson</i> Instructors: <i>P. Carson, B. Fowlkes, M. Goodsitt, J. Kofler, H. Miller, M. Seddon</i>					
<b>12:00 - 1:30</b> LUNCH BREAK						
D 1:30 - 3:20	Scientific Session  IMRT Validation/ Verification 1  Chairs: <i>F.-F. Yin</i> <i>C. Ramsey</i>	Scientific Session  High Dose Rate & Intravascular Brachytherapy  Chairs: <i>J. Chu</i> <i>A. Li</i>	Scientific Session  Calibration & QA  Chairs: <i>S. Huq</i> <i>J. Bayouth</i>	CE - PACS 2  PACS Quality Control  <i>C. Willis</i> <i>E. Samei</i> <i>J. Carrino</i>	Scientific Session  Computed Tomography  Chair: <i>M. Drangova</i>	CCPM/COMP Symposium on Image-guided Radiotherapy  Moderator: <i>B.G. Fallone</i>  Speakers: <i>P. Slomka</i> <i>P. Munro</i> <i>T. Mackie</i>
<b>3:20 - 4:00</b> Refreshment Break in Exhibit Hall						
E 4:00 - 5:30	Therapy Symposium  Molecular Imaging In Oncology  Moderator: <i>D. Bourland</i>  Speakers <i>D. Bourland</i> <i>R. Blasberg</i> <i>J. Basilion</i> <i>B. Ross</i>	Scientific Session  Therapy - Other  Chairs: <i>E. Yorke</i> <i>E. Moros</i>	Scientific Session  Particle Based Therapy  Chairs: <i>D. Miller</i> <i>R. Maughan</i>	CE - Full Field Digital Mammography 5  Digital Mammography from the Manufacturer's Perspective - LORAD Corporation <i>J. Gray</i>  Fuji CR Systems for Mammography <i>R. Uzenoff</i>	PACS Symposium  Panel Discussion: The Role of the Physicist in PACS  Participants: <i>L. Hefner, R. Morin</i> <i>L. Niklason, C. Willis, D. Tucker</i> <i>J. Carrino, E. Samei</i>	Ultrasound Research Symposium  <i>S. Foster</i> <i>K. Hynynen</i>
<b>6:30 - 10:30</b> AAPM Night Out - Notre Dame Basilical/ Palais des Congres						

<b>WEDNESDAY, JULY 17</b>						
	Room: 517 A	Room: 517 B	Room: 517 D	Room: 517 C	Room: 518	Room: 519
A 7:30 - 8:25	CE - Treatment Delivery Systems 3  Field Compensation; Dosimetric Aspects of Dynamic Delivery with Independent Collimators & MLC  <i>J. Gibbons</i>	NCI Priorities & Funding  <i>J. Deye</i>	CE - Imaging in Radiation Oncology 3  On-line Imaging for Position & Dose Verification  <i>D. Jaffray</i>	CE - Full Field Digital Mammography 6  What a Practicing Medical Physicist Needs to Know for Testing Full-Field Digital Mammo Systems  <i>E. Berns</i>	CE - CT 1  Fundamentals of Single-Row and Multiple-Row Detector CT  <i>M. Mahesh</i>	Multiple-reader, Multiple-case (MRMC) ROC Analysis in Diagnostic Imaging, Computer-aided Diagnosis, & Statistical Pattern Recognition  <i>R. Wagner</i>
B 8:30 - 9:25	CE - Clinical Issues for IMRT 3  Role of Imaging for IMRT  <i>J. Dempsey</i>	Practical Implementation of TG-51  <i>S. Huq</i>	Head Scatter  <i>T. Zhu</i>	CE - Screen-Film Mammography 1  What a Medical Physicist Needs to Know about Clinical Mammography  <i>S. Feig</i>	CE - CT 2  Quality Control in CT  <i>L. Rothenberg</i>	CE - Nuclear Medicine, PET, Dosimetry 1  Site Planning and Radiation Safety  <i>J. Anderson</i>
<b>9:30 - 10:00 Coffee Break in Exhibit Hall</b>						
C 10:00-12:00	Scientific Session  IMRT Optimization 2  Chairs: <i>A. Boyer</i> <i>S. Jiang</i>	Scientific Session  Improvements in Conventional Planning  Chairs: <i>G. Starkschall</i> <i>S. Mutic</i>	Scientific Session  Imaging Techniques & Tools  Chairs: <i>K. Sixel</i> <i>D. Yan</i>	CE - Intravascular Brachytherapy 1  Physics of Intravascular Brachytherapy <i>N. Yue</i>  Quality Management for Intravascular Brachytherapy <i>B. Thomadsen</i>	Scientific Session  Digital Radiography  Chair: <i>P. Johns</i>	Scientific Session  CT Dosimetry  Chair: <i>J.A. Seibert</i>
<b>12:00 - 1:30 LUNCH BREAK</b>						
D 1:30 - 3:20	Scientific Session  IMRT Delivery 2  Chairs: <i>T. Solberg</i> <i>Z. Li</i>	Scientific Session  General Brachytherapy  Chairs: <i>B. Thomadsen</i> <i>R. Zwicker</i>	Scientific Session  Monte Carlo 2  Chairs: <i>C.-M. Ma</i> <i>T. Mackie</i>	Shielding Symposium  NRCP 49 Update <i>B. Archer</i>  CT Shielding <i>R. Dixon</i>  PET & PET/CT Shielding <i>D. Simpkin</i>	Scientific Session  Angiography  Chair: <i>J. Duryea</i>	CE - Nuclear Medicine, PET, Dosimetry 2  PET Imaging Physics and Instrumentation <i>C. Thompson</i>  Image Reconstruction and Image Fusion (PET/CT) <i>J. Yap</i>
<b>3:20 - 4:00</b>						
E 4:00 - 5:30	The Lawrence Lanzl Memorial Therapy Lecture  Introduction: <i>M. Giger</i>  Verification in External Beam Treatment Delivery  Moderator <i>J. Balter</i>  Speakers: <i>L. Dawson</i> <i>B. Fraass</i> <i>D. Yan</i>	Symposium  AAPM New Member Symposium	Scientific Session  Prostate Implants  Chairs: <i>J. Molloy</i> <i>M. Yudelev</i>	CE - Full Field Digital Mammography 7  The Medical Physicist's Role in a Full Field Digital Mammography (FFDM) Facility <i>K. Chakrabarti</i>  Practical tips for physicists serving FFDM facilities <i>B. Pizzutiello</i>	CT Symposium  CT Dose Reduction  Moderator: <i>M. Mahesh</i>  Speakers: <i>M. Mahesh</i> <i>E. Fishman</i> <i>B. Westerman</i> <i>S. Fox</i> <i>E. Nickoloff</i>	Debate  From CAD to CD-Will Computers Replace Radiologists as the Primary Reader  Moderator: <i>R. Nishakawa</i>  <i>M. Giger</i> <i>D. Gur</i> <i>A. Maidment</i> <i>W. Sacks</i> <i>R. Schmidt</i> <i>R. Jong</i>
<b>5:30 - 6:30 AAPM Annual Business Meeting - Room 517 B</b>						

THURSDAY, JULY 18						
	Room: 517 A	Room: 517 B	Room: 517 D	Room: 517 C	Room: 518	Room: 519
A 7:30 - 8:25	CE - Treatment Delivery Systems 4  Acceptance Testing, Commissioning & Quality Assurance of Medical Linear Accelerators  <i>J. Palta</i>	NSF Funding and Initiatives  <i>R. Radin</i>	CE - Imaging in Radiation Oncology 4  Image Registration & Data Fusion in Radiation Therapy  <i>M. Kessler</i>	CE - Screen-Film Mammography 2  NCRP Mammography Update  <i>L. Rothenberg</i>	CE - CT 3  CT Image Reconstruction  <i>T. Peters</i>	CE - Nuclear Medicine, PET, Dosimetry 3  Dosimetry of Internal Radioactive Emitters  <i>L. Williams</i>
B 8:30 - 9:25	CE - Clinical Issues for IMRT 4  Measurement & analysis techniques for IMRT  <i>D. Low</i>	Practical Implementation of TG-61  <i>C. Ma</i> <i>J. Seuntjens</i>	Radiation Oncology Information Systems  <i>R. Dahl</i>	CE - Screen-Film Mammography 3  Technical Aspects  <i>A. Haus</i>	CE - CT 4  Adult and Pediatric Doses in CT  <i>W. Huda</i>	Reference Values  <i>J. Gray</i>
C 10:00- 12:00	Scientific Session  IMRT Validation/ Verification 2  Chairs: <i>D. Low</i> <i>J. Antolak</i>	Scientific Session  Stereotactic  Chairs: <i>D. Bourland</i> <i>F. Bova</i>	Scientific Session  Dosimetry Instrumentation  Chairs: <i>M. Podgorsak</i> <i>E. Lief</i>	CE - Screen-Film Mammography 4  MQSA Update  <i>O. Suleiman</i>  MQSA Surveys for Screen Film Stereotactic  <i>J. Tomlinson</i>	Scientific Session  Dosimetry, Radiation Protection & Diagnostic Quality Assurance  Chair: <i>L. Brateman</i>	Scientific Session  Nuclear Medicine (SPECT & PET)  Chair: <i>S. White</i>

## EXHIBIT HALL HOURS

SUNDAY	JULY 14	1:00 pm - 5:30 pm
MONDAY	JULY 15	9:30 am - 5:30 pm
TUESDAY	JULY 16	9:30 am - 5:30 pm
WEDNESDAY	JULY 17	9:30 am - 1:00 pm