



**Tue 2 Oct 07      Technical Presentations, including Student Papers (cont'd)**

- 1320-1340 "Development of Hybrid Computational Newborn Phantom For Dosimetry Calculation: the Skeleton"  
-- (Deanna Hasenauer<sup>1</sup>, Choonsik Lee<sup>1</sup>, Daniel L. Lodwick<sup>1</sup>, Christopher J. Watchman<sup>2</sup>, Wesley E. Bolch<sup>1</sup>, UF, UA)
- 1340-1400 "An Anthropometric Approach to Assigning Reference Phantoms to Individual Patients for Medical Organ Dose Reconstruction"  
-- (Scott Whalen, Wesley E. Bolch, UF, UA)
- 1400-1420 "Deterministic 3D Radiation Transport Simulation for Dose Distribution and Organ Dose Evaluation in Diagnostic CT"  
-- (Monica Ghita, Glenn Sjoden, Manuel Arreola, Ahmad Al-Basheer, Choonsik Lee, Wesley Bolch, UF)
- 1420-1440 "Electron Dose Kernels to Account for Secondary Particle Transport in Deterministic Simulations"  
-- (Ahmad Al-Basheer, Glenn Sjoden, Monica Ghita, UF)
- 1440-1510      Coffee Break (hosted)**
- 1520-1540 "Effect of abdominal subcutaneous fat on organ dose in radiography and computed tomography: Monte Carlo calculation study"  
-- (Choonsik Lee, Daniel Lodwick, Deanna Hasenauer, Wesley Bolch, UF)
- 1540-1600 "Development of a fast and robust 2D-3D Registration Method for Image-Guided Radiation Therapy"  
-- (Jian Wu, Minho Kim, Jayinder Palta, Sanjiv Samat, UF)
- 1600-1620 "Statistical Approach to Medical Image Errors Analysis"  
-- (S. M. Aceil, Alcorn State University)
- 1620-1640 "Comparative Analysis of Nuclear Cross Sections in Monte Carlo Methods for Medical Physics Applications"  
-- (Chris Myers<sup>1</sup>, Bernadette L. Kirk<sup>2</sup>, Luiz C. Leal<sup>2</sup>, GT, ORNL)

**Tue 2 Oct 07      Workshop Banquet, Awards**

1830-2130      Hilton Hotel (hosted)

Presentation of Student Awards  
Presentation of Anthony Stell Memorial Scholarship in Medical Physics

**Wed 3 Oct 07      Technical Presentations**

- 0915-0925      Coffee and Remarks (hosted)
- 0925-0950 "HDRK-Man: A Whole Body Voxel Model Based on High-Resolution Color Slice Image of a Korean Adult Male Cadaver"  
-- (Chan Hyeong Kim<sup>1</sup>, Sang Hyun Choi<sup>1</sup>, Jong Hwi Jeong<sup>1</sup>, Choon-Sik Lee<sup>2</sup>, Min Suk Chung<sup>3</sup>, HU, UF, AU)
- 0950-1015 "An Electron/Photon Transport Bibliographic Database"  
-- (John C. Garth)

**Wed 3 Oct 07      Technical Presentations (Cont'd)**

- 1015-1040 "Multidimensional Coupled Photon-Electron Transport Simulations Using Neutral Particle Sn Code"  
-- (Dan Ilas, Mark L. Williams, Douglas E. Peplow, Bernadette L. Kirk, ORNL)
- 1040-1105 "Implementation of Salivary Glands in the Body Builder Anthropomorphic Phantoms"  
-- (Kenneth A. Van Riper<sup>1</sup>, James Roberts<sup>2</sup>, Josephine Clorley<sup>2</sup>, White Rock Science, Velindre Cancer Centre)
- 1105-1130 "An Image Based Skeletal Canine Model For Pre-Clinical Evaluation of Osteosarcoma Molecular Radiotherapy"  
-- (Wesley Bolch, Laura Padilla, Choonsik Lee, Rowan Milner, Amir Shahlaee, UF)

**1130-1300      Lunch** (hosted)

**Code Workshops-II:**

- 1300-1500 MCNP5/X (T. Goorley, LANL, Invited)  
1500-1530 SCAN2MCNP Code (K. Van Riper, White Rock Science, Invited)

**Wed 3 Oct 07      Technical Presentations (Cont'd)**

- 1530-1555 "MCNP4C3-Based Simulation of a Medical Linear Accelerator"  
-- (Siva R. Manoharan, L. Venkatanarayana, M. Chandrasekar, Redding Cancer Treatment Center)
- 1555-1620 "Comparison of Predictions by MCNP and EGSnrc of Radiation Dose imparted to various Material Targets by Beams and small volumetric Sources."  
-- (Eric Steinfelds)

1645-1745      Open Technical Discussions and Conclusion

*Next Meeting, Fall 2009: Georgia Tech*

1800              Meeting Adjourned. Please have a safe journey home, and we thank you for your participation!

