

# NCCAAPM/NCCHPS 2005 Joint Spring Meeting

Pyle Center – Corner of Lake and Langdon

University of Wisconsin-Madison

Friday, April 29, 2005

## Agenda

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|-------------------------|---|
| <b>8:00 – 8:30 am</b>   | Registration  |
| <b>8:30 – 8:45 am</b>   | Welcome and Announcements<br>Randall Kruger, President, NCCAAPM<br>Jeff Brunette, President-elect, NCCHPS   |
| <b>8:45 – 9:15 am</b>   | <i>Training Programs in the State of Wisconsin</i><br>Paul Schmidt, DHFS  |
| <b>9:15 – 10:00 am</b>  | <i>NCRP 147 – Diagnostic X-ray Shielding</i><br>Douglas Simpkin, Ph. D., St. Luke's Medical Center  |
| <b>10:00 – 10:30 am</b> | Coffee Break (Vendor display area)  |
| <b>10:30 – 11:00 am</b> | <i>Safety Considerations in Y-90 Microsphere Treatments</i><br>Bruce Thomadsen, Ph.D., University of Wisconsin  |
| <b>11:00 – 12:00 pm</b> | <b>Student Presentations</b><br><i>Automatic Brachytherapy Delivery System</i><br>Michael Meltsner, University of Wisconsin<br><br><i>A New Ionization Chamber for Measuring the Effects of Aperture Size on Low-Energy Brachytherapy Sk Measurements</i><br>Wes Culberson, University of Wisconsin<br><br><i>Gel Dosimetry</i><br>Reed Selwyn, University of Wisconsin<br><br><i>UW PET Cyclotron</i><br>Student TBD |
| <b>12:00 – 1:15 pm</b>  | Lunch   |
| <b>1:15 – 2:15 pm</b>   | Chapter Breakout Sessions   |
| <b>3:15 – 3:30 pm</b>   | Coffee Break (Vendor display area)  |
| <b>3:30 – 4:45 pm</b>   | <b>TOUR:</b> UW PET Cyclotron and UW Accredited Radiation Calibration Lab Facilities  |
| <b>4:45 pm</b>          | Meeting Conclusion  |

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## NCCAAPM Breakout Session

- 1:15 – 2:15 pm** NCCAAPM Business Meeting
- 3:45 – 4:30 pm** *A Mathematical Derivation to the Accuracy Limit of IMRT QC Systems*  
Mark Towsley, M.S., D.A.B.R.
- 9:15 – 9:45 am** *A Novel Processor-less Film for IMRT Treatment Plan Verification*  
Xiang Yu, Ph.D.
- 10:45 – 12:00 pm** *Use of Antiscatter Grids With Digital Imaging Devices*  
Ken Fetterly, Mayo Clinic

## NCCHPS Breakout Session

- 1:15 – 2:15 pm** NCCHPS Business Meeting
- 2:15 – 2:30 pm** *Update on Physics Teacher's Workshop*  
WAPT Physics Teacher's workshop group
- 2:30 – 2:45 pm** *Minnesota State Regulatory Update – Agreement State status and Machine Produced Radiation Rule*  
TBD, Minnesota Dept. of Health
- 2:45 – 3:15 pm** *Dose Reduction in the PET Cyclotron Facility*  
Jeff Brunette, Mayo Clinic