



CNS WORKSHOP ON MEDICAL-RADIONUCLIDE PRODUCTION METHODS

2009 Dec. 10-11 (Thurs.-Fri.)
Delta Hotel & Suites
361 Queen Street, Ottawa, ON, K1R 7S9



Program

For last-minute updates please check the workshop webpage at:

<http://cns-snc-new.ca/events/17/cns-workshop-production-medical-radionuclides/>

Thursday, December 10

- 07:45 – 08:15 Breakfast
- 08:15 – 08:30 Opening Remarks
- 08:30 – 09:15 **Regulatory Aspects of Medical Isotope Production in Canada**
Terry Jamieson
Vice President, Technical Support Branch, Canadian Nuclear Safety Commission
- 09:15 – 10:00 **⁹⁹Mo Production by Proton-induced Fission with LEU**
Dr. Frédéric Stichelbaut
Manager, Research and Development, IBA
- 10:00 – 10:30 Coffee Break
- 10:30 – 11:15 **Split Up and Separate: Photo-fission, Accelerators, and Mo-99**
Dr. Tim Meyer
Head, Strategic Planning and Communications, TRIUMF
- 11:15– 12:00 **Two Routes to Solving the Mo/Tc Isotope Crisis: Direct Production of Tc-99m and Isotope Separation**
Dr. Tom Ruth
Senior Research Scientist, TRIUMF and BC Cancer Agency
- 12:00 – 13:00 Lunch
- 13:00 – 13:45 **E-Beam Production of Molybdenum-99**
Dr. John Barnard
Director, Research and Technology, ACSIION Industries
- 13:45 – 14:30 **Isotopes Shortages: Living in it, and being part of the solutions for the future - Radiopharmacy Perspectives**
Dr. Kennedy Mang'era
Director, Radiopharmacy; Health Sciences Center, Winnipeg RHA
- 14:30 – 15:15 **Using the Mo-100 Photoneutron Reaction to Meet Canada's Requirement for Tc-99m**
Dr. Carl Ross
Group Leader, Ionizing Radiation Standards Group, National Research Council Canada
- 15:15 – 15:45 Coffee Break
- 15:45– 16:30 **Global Shortage of Mo-99: Causes and Prevention of Future Shortages**
Tom Burnett
Global Marketing Director, Radiotherapy and Medical Isotopes, MDS Nordion
- 16:30 – 18:00 Panel Discussion
- 18:30 – 21:30 Cocktails and Dinner
Keynote dinner speaker: Serge Dupont
Deputy Minister of Intergovernmental Affairs (Privy Council Office), Special Advisor to the Minister of Natural Resources on Nuclear Energy Policy

Friday, December 11

- 08:00 – 08:30 Breakfast
- 08:30 – 09:15 **Securing the Future of Medical Isotopes and Neutron Science in Canada: The Canadian Neutron Source (CNS)**
Dr. Richard Florizone
Vice-President Finance, University of Saskatchewan
- 09:15 – 10:00 **Requirements on Mo-99 Production to Satisfy Medical Demand**
Dr. Richard Coats
Sandia National Laboratories, USA
- 10:00 – 10:30 Coffee Break
- 10:30 – 11:15 **An INVAP Perspective on the Production of Medical Radioisotopes: Past & Present**
Marcelo Salvatore
Manager, Strategic Operations - Nuclear, INVAP, Argentina
- 11:15 – 12:00 **Canadian Neutron Source (CNS): A Research Reactor Solution for Medical Isotopes and Neutrons for Science**
Dr. Dean Chapman
Canada Research Chair in X-Ray Imaging, University of Saskatchewan
- 12:00 – 13:00 Lunch
- 13:00 – 13:45 **Bridging the Gap: The Role of MNR in Securing Canada's Medical Isotope Supply**
Chris Heysel
Director, Nuclear Operations and Facilities, McMaster University
- 13:45 – 14:15 **Alternative Radiopharmaceuticals for Myocardial Imaging**
Dr. Robert deKemp
Associate Professor & Head Imaging Physicist, Cardiac Imaging
University of Ottawa Heart Institute
- 14:15 – 15:30 Panel Discussion
- 15:30 End of Workshop