

Tuesday May 25

14:00 to 17:00

Session T1: Session to the memory of Daniel Rozon

Session Chairs: P. Boczar (AECL), J. Koclas (EPM)

- 14:00 History of RFSP for CANDU Fuel Management and Safety Analysis. Dave Jenkins, Ben Rouben and Wei Shen. Atomic Energy of Canada Limited, Mississauga, Ontario and 12&1 Consulting, Toronto, Ontario.
- 14:30 The GPT saga at École Polytechnique. A. Hébert and G. Marleau. École Polytechnique, Montréal, Québec.
- 15:00 Coffee break
- 15:30 Fuel Management in CANDU Reactors: Daniel Rozon's Contribution. D. Rozon, E. Varin and R. Chambon. Atomic Energy of Canada Limited, Montréal, Québec and École Polytechnique, Montréal, Québec.
- 16:00 Considerations in Recycling Used Natural Uranium Fuel from CANDU Reactors in Canada. Peter Boczar, Terry Rogers and Derek Lister. Atomic Energy of Canada Limited, Chalk River, Ontario, University of Ottawa, Ottawa, Ontario, University of New Brunswick, New Brunswick.

Section T2: Process System

Session Chairs:

- 14:00 Hitachi Turbine Technology for Nuclear Applications. Y. Yamashita, T. Kudo and N. Akane. Hitachi, Ltd. Power Systems, Energy and Environmental Systems Laboratory, Hitachi, Japan, Hitachi, Ltd. Power Systems, Hitachi Works, Hitachi, Japan and Hitachi, Ltd. Power Systems, Nuclear Systems Division, Hitachi, Japan.
- 14:30 Experience of Application of Clamp-on Cross-Correlation Flow Meter in Nuclear Industry. Y. Gurevich, V. Ton, S. Kotenyov, C. Zhao, B. Sharp and A. Lopez. Daystar Technology Inc, Ontario, Ontario Power Generation, Ontario and Advanced Measurements and Analysis Group Inc, Ontario.
- 15:00 Coffee break
- 15:30 Reliability Analysis of Nuclear Piping System using Semi-Markov Process Model. A. Veeramany and M.D. Pandey. University of Waterloo, Waterloo, Ontario.
- 16:00 Three Dimensional Finite Element Analysis of Weld Overlay Application on a Plastically Formed Feeder Tube. F. H. Ku, P. C. Riccardella, M. S. Lashley, Y. Chen and R. K. Yee. Structural Integrity Associates Inc., California, USA, Structural Integrity Associates Inc., Ontario and San Jose State University, California, USA.

Session T3: Material Properties and Applications

Session Chairs: C. Wren (UWO), H. Bonin (RMC)

- 14:00 Application of Neutron Diffraction in Characterization of Texture Evolution during High-Temperature Creep in Magnesium Alloys. D. Sediako, S. Shook, S. Vogel, and A. Sediako. National Research Center, Chalk River Labs, Ontario, , Applied Magnesium International, Denver, CO, USA, Los Alamos Neutron Science Center, Los Alamos, NM, USA, McGill University, Montréal, Québec.
- 14:30 Investigation Into the Application of Polyetherimide to Nuclear Waste Storage Containers. Y.Saboui, H. W. Bonin and V. T. Bui. Royal Military College, Kingston, Ontario.
- 15:00 Coffee break
- 15:30 Development of Gaseous Hydrogen Charging of Zr Alloys Using a Coulometric Titration Technique. M. Saoudi, J. Mouris and Z. He. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 16:00 The Use of Electron Backscattered Diffraction for Material Characterization at Chalk River Laboratories. C.D. Judge. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 16:30 Crystallography of Hydrides in Textured Zircaloy-4 Sheets. N.A.P.Kiran Kumar, Jerzy.A. Szipunar and Zhang He. McGill University, Montréal, Québec and Atomic Energy of Canada Limited, Chalk River, Ontario.

Session T4: Education and Public Outreach

Session Chairs: K. Duguay (NB Power), B.A. Shalaby (UNENE)

- 14:00 Letting the People Speak: The Public Consultation Process for Nuclear Power in Alberta and Saskatchewan, Duane Bratt, Mount Royal University.
- 14:30 UNENE: An Update on Nuclear Education and Research. B.A. Shalaby, V.G. Snell and B. Rouben. UNENE.
- 15:00 Coffee break
- 15:30 Earning the Social Licence for Nuclear Operations, Kathleen Duguay, Jacquie Hoornweg. New Brunswick Power, New Brunswick and Ontario Power Generation, Ontario.
- 16:00 Utilization of Information and Communications Technology (ICT) to Improve Workface Efficiency. A. Haines and J. Rasmussen. Industrial Audit Corporation, Toronto, Ontario.

Wednesday May 26

8:00 to 12:00

Session T5: Physics 1

Session Chairs: D. Jenkins (AECL), A. Hébert (EPM)

- 8:00 Qualification of a Computer Program to Analyze Shutdown System Flux Detector Response in Point Lepreau Generating Station. Q. Alexander, V. N. P. Anghel, D. Comeau, M. Ducic, R. Hutanu, G. Jonkmans, J. McKay, B. Sur and D. Taylor. Atomic Energy of Canada Limited, Chalk River, Ontario and New Brunswick Power Nuclear, Point Lepreau, New Brunswick.
- 8:30 Physics Analysis on the NRU Core for an Accident Scenario of a Loop Pressure Tube Crack. T.C. Leung. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 9:00 Experience with WOLSONG-1 Phase-B Pre-Simulations Using WIMS/DRAGON/RFSP-IST Code Suite. Dai-Hai Chung, Bong-Ghi Kim, Sung-Min Kim, Hyung-Bum Suh, Han-Sang Kim and Hyung-Jin Kim. Atomic Creative Technology Co., Ltd., Daejeon, Korea, Korea Power Engineering Co., Inc., Daejeon, Korea, Korea Hydro and Nuclear Power Co., Ltd., Daejeon and Wolsong, Korea.
- 9:30 Inverse Kinetics For Subcritical Systems with Varying External Sources. Cristiano Silva, Daniel A. P. Palma, Alessandro C. Gonçalves, Aquilino S. Martinez. COPPE/UFRJ – Programa de Engenharia Nuclear, RJ, Brazil and IFRJ – Instituto Federal do Rio de Janeiro, RJ, Brazil.
- 10:00 Coffee break
- 10:30 Fuel-Pin Flux Reconstruction for CANDU Applications. M. Dahmani, W. Shen and B. Phelps. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 11:00 Neutron Diffusion Waves In CANDU Reactors. V.N.P. Anghel, G. Jonkmans, D.V. Altiparmakov and B. Sur. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 11:30 Models for Resonance Self-Shielding Calculation in Neutronic Analysis of the CANDU-SCWR Fuel Channel. G. Harrison and G. Marleau. École Polytechnique de Montréal, Montréal, Québec.

Section T6: Thermalhydraulics

Session Chairs: W. Hartmann (AECL), A. Bellil (GENIVAR)

- 8:00 Numerical Simulation of Cross-Flow in Tube-Bundles to Model Flow Circulation of the Moderator in CANDU-6. R. Necciari, A. Teyssedou and M. Reggio. École Polytechnique de Montréal, Montréal, Québec.
- 8:30 CNSC Expectations for Resolution of Hydrogen Related Safety Issues. Magda Rizk and Alexandre Viktorov. Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 9:00 Qinshan CANDU 6 Main Heat Transport System High Operational Performance. W.J. Hartmann, C. Zeng², J. Feng. Atomic Energy of Canada Limited, Mississauga, Ontario and Third Qinshan Nuclear Power Company Limited, Haiyan, China.
- 9:30 NUCIRC Thermal-Hydraulic Applications in Support of CANDU© Plant Design and Operation. A. Elalami, W.J. Hartmann, A. Espahbod, M. Tochaie. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 10:00 Coffee break
- 10:30 Comparison of Turbulent Models for CANDU Moderator Following a Pressure Tube to Calandria Tube Contact. A. Behdadi and J.C. Luxat. McMaster University, Hamilton, Ontario.
- 11:00 Computational Fluid Dynamics Model for Liquid Poison Injection in the ACR-1000 Design. F. Song, R. Noghrehkar, L. Morris and K.F. Hau. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 11:30 Benchmarking Severe Accident Computer Codes for Heavy Water Reactor Applications. Jong Ho CHOI. International Atomic Energy Agency, Vienna, Austria.

Session T7: Safety Management and Safety Culture

Session Chairs: K. Lafrenière (CNSC), J. Luxat (McMaster University)

- 8:00 CNSC Power Reactor Operating License Reform. Ken Lafrenière. Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 8:30 An Approach for Risk Informed Safety Culture Assessment for Canadian Nuclear Power Stations. William R. Nelson. Det Norske Veritas (U.S.A.), Inc., Katy, Texas USA.
- 9:00 Risk-Informed Decision-Making In Canadian Nuclear Regulation. G. Ishack. Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 9:30 Safety Analysis: Its Role and Current Trends. Alexandre Viktorov. Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 10:00 Coffee break
- 10:30 Application of the CNSC Risk-Informed Decision-Making Process in Nuclear Power Regulation: An Example. G. Ishack. Canadian Nuclear Safety Commission, Ottawa, Ontario.

Session T8: Plant-Life Management and Refurbishment

Session Chairs: K. Jooper (GENIVAR)

- 8:00 Impact of Flow Accelerated Corrosion (FAC) on Feeder Refurbishment Planning. Mikko Jyrkama and Mahesh Pandey. University of Waterloo, Waterloo, Ontario.
- 8:30 The Experience of Safety System Refurbishment in Wolsong Unit 1. J.Y. Lee, I.S. Hwang, J. Huh, T.K. Park D.S. Lee, D.I. Nam and E.Y. Hwang. Korea Power Engineering Company, Inc., Daejeon, Korea and Korea Hydro and Nuclear Power Co., Ltd, Seoul, Korea.
- 9:00 Initiation Phase of the Nuclear Refurbishment at Darlington Nuclear Generating Station. M. Freire-Gormaly. Ontario Power Generation Inc., Toronto, Ontario.
- 9:30 Condition Assessment of Installed Nuclear Power Plant (I&C) Cables. K. Anandakumaran. Kinectrics Inc., Toronto, Ontario.
- 10:00 Coffee break
- 10:30 A Containment Analysis for SBLOCA without ECI in the Refurbished Wolsong-1 Nuclear Power Plant. T.M. Kim, B.J. Moon, C.J. Bae, S.H. Lee, C.J. Choi, D.S. Lee and S. M. Kim. NSSS, Korea Power Engineering Company, Inc., Daejeon, Korea and NETEC, Korea Hydro & Nuclear Power Company, Inc., Daejeon, Korea.
- 11:00 Gentilly-2 CANDU Nuclear Power Plant level 1 Fire and Flood PSA – Insights on a Work in Progress. K. Jooper, C. Selman, J-F. Bolduc, A. Nava Dominguez , A. Bellil, T. Houasnia and R.Vaillancourt. GENIVAR LP, Montréal, Québec and Hydro-Québec, Montréal, Québec.
- 11:30 Localized Thinning Assessment - Service Life Extention for Darlington Feeders. Ming Li, Jason Van Wart, Irfan Haq. Ontario Power Generation Inc., Pickering, Ontario.

Session T9: Environment and Waste Management 1

Session Chairs: D. Bouchard (SNC-Lavalin), K. Aydogiu (AECL- retired)

- 8:00 Portable Gamma-Ray Spectrometry for Decommissioning: Anywhere, Anytime, Anything. M. Attas and E. Bialas. Atomic Energy of Canada Limited, Pinawa, Manitoba.
- 8:30 Predicting the Time Course of Radionuclides in Aquatic Food Webs Following Pulse Releases. David J. Rowan. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 9:00 Best Available Technique (BAT) Assessment Applied to ACR-1000 Waste and Heavy Water Management Systems. M. Sachar, S. Julien, and K. Hau. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 9:30 Protecting Fresh Water Resources during a Large-scale Low-Level Radioactive Waste Clean-up Project with Best Available Technology. Gary Vandergaast, G. Glenn Case. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 10:00 Coffee break
- 10:30 Making Strides on the Port Hope Area Initiative: Canada's Largest Low-Level Radioactive Waste Clean-up Project. Christine A. Fahey, G. Glenn Case. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 11:00 Use of Compound-Specific Isotope Analyses as a Tool to Demonstrate Biodegradation of Petroleum Hydrocarbons in Contaminated Groundwater. Daniel Bouchard, Patrick Höhener and Daniel Hunkeler. SNC-Lavalin Environnement Inc., Montréal, Université de Provence, Marseille, France and Université de Neuchâtel, Neuchâtel, Suisse.
- 11:30 Human Health Risk Assessment for Radiological and Chemical Contaminants at Site with Historical Contamination. N.C. Garisto, F. Cooper and R. Peters. SENES Consultants Limited, Richmond Hill, Ontario, and Cameco Corporation, Port Hope, Ontario.

Session T10: Advanced Reactors and Applications

Session Chairs: D. Brady (NRCan), A. Teysseidou (EPM)

- 8:00 Optimization of Power-Cycle Arrangements for Supercritical Water Cooled Reactors (SCWRS). L. Lizon-A-Lugrin, A. Teysseidou and I. Pioro. École Polytechnique de Montréal, Montréal, Québec and University of Ontario Institute of Technology, Oshawa, Ontario.
- 8:30 Canada's Used Nuclear Fuel Waste: A 20 Trillion Dollar Energy Resource. Energy Extraction and Partial Detoxification in Fast-Neutron Reactors. Peter Ottensmeyer. University of Toronto, Toronto, Ontario.
- 9:00 Denatured Molten Salt Reactors (DMSR): An Idea Whose Time Has Finally Come? D. LeBlanc. Carleton University, Ottawa, Ontario.
- 9:30 Draft Layout, Containment and Performance of the Safety System of the European Supercritical Water-Cooled Reactor. J. Starflinger, M. Schlagenhauer, C. Köhly, T. Schulenberg, S. Rothschnitt and D. Bittermann. Karlsruhe Institute of Technology, Karlsruhe, Germany and AREVA NP GmbH, Erlangen, Germany.
- 10:00 Coffee break
- 10:30 Research and Development Initiatives in Support of the Conceptual Design for the CANDU Supercritical Water-Cooled Reactor. Daniel Brady, Wenyue Zheng, Laurence Leung and David Guzonas. Natural Resources Canada, Ottawa, Ontario and Atomic Energy of Canada Limited, Chalk River, Ontario.

Thursday May 27

8:00 to 12:00

Session T11: Physics 2

Session Chairs: M. Dahmani (AECL), J. Miss (IRSN)

- 8:00 Application of the Full 3-D Collision Probability Method to Randomly Distributed Spherical Fuel Elements. M-A. Lajoie and G. Marleau. École Polytechnique de Montréal, Montréal, Québec.
- 8:30 Physics Experiments in the ZED-2 Reactor using CANFLEX-RU. J.E. Atfield and M.B. Zeller. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 9:00 Advances in the ACR-1000 Reactor Regulating System and Reactor Control. G. LeRoy and R. Robinson. Atomic Energy of Canada Limited, Mississauga, Ontario.
- 9:30 Probability Table Monte Carlo Method Applied to CANDU-6 Cell Calculation in DRAGON. N. Martin and A. Hébert. École Polytechnique de Montréal, Montréal, Québec.
- 10:00 Coffee break
- 10:30 Monte Carlo Simulation of Neutron Transport Applied to Criticality: Focus on Sources and Flux Convergence Issues. J. Miss, Y. Richet and O. Jacquet. IRSN, France.
- 11:00 An analytical approximation for the prediction of transients with temperature feedback. Daniel A. P. Palma, Adilson C. Silva, Alessandro C. Gonçalves, Aquilino S. Martinez. COPPE/UFRJ – Programa de Engenharia Nuclear, RJ, Brazil and Federal Institute of Rio de Janeiro, RJ, Brazil.
- 11:30 Study of Power End Peaking for NRU Loop Fuel Calculations. T.S. Nguyen and R.E. Donders. Atomic Energy of Canada Limited, Chalk River, Ontario.

Section T12: Safety and Licensing

Session Chairs: F. Rinfret (AECL), S. Chapados (Hydro-Québec)

- 8:00 Simulating Molten Fuel-Moderator Interactions with the Code MC3D. J. Licht. Atomic Energy of Canada Limited, Chalk River, Ontario
- 8:30 Equivalent Moderator Subcooling Methodology to Determine Fuel Channel Integrity Upon Pressure Tube and Calandria Tube Contact. L. Sun and B. Willemsen. Point Lepreau Generating Station, Lepreau, New Brunswick.
- 9:00 Heat Transfer Parameters for Glass-Peened Calandria Tube in Pressure Tube and Calandria Tube Contact Conditions. L. Sun and B. Willemsen. Point Lepreau Generating Station, Lepreau, New Brunswick.
- 9:30 The Development of Trip Coverage Maps for the McMaster Nuclear Reactor. K.J. Stoll, S.E. Day and J.C. Luxat, McMaster University, Hamilton, Ontario.
- 10:00 Coffee break
- 10:30 Regulatory Oversight of Refurbishment Projects in Canada. Jeff Stevenson and François Rinfret. Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 11:00 Regulatory Assessment of Integrated Safety Reviews for Nuclear Plants Refurbishment. Al Omar and Christian Carrier. Canadian Nuclear Safety Commission, Ottawa, Ontario.

Session T13: Operation and Maintenance

Session Chairs: S. Zaidi (AECL), M. Younis (AMEC-NSS)

- 8:00 Development Strategy of the Improved Standard Technical Specification for Wolsong CANDU-6 Nuclear Power Plants. Sung Min Kim, Hyeong Taek Kim and Seong Soo Choi. Korea Hydro & Nuclear Power Co., Ltd., Yuseong-Gu, Daejeon, Korea and Atomic Creative Technology Co., Ltd., Yuseong-Gu, Daejeon, Korea.
- 8:30 Consideration of Inspection Uncertainties in the Probabilistic Assessment of Steam Generator Tubing. M.D. Pandey, D. Lu and J. Riznic. University of Waterloo, Waterloo, Ontario, and Canadian Nuclear Safety Commission, Ottawa, Ontario.
- 9:00 Maintenance Optimization through Risk Based Ageing Management Program. M. Barreau, I. Cornish-Bowden, L. Augé and R. Frenette. Oxand SA, Fontainebleau, France and Oxand Canada Inc., Montréal, Québec.
- 9:30 A Proposed Structural, Risk-Informed Approach to the Periodicity of CANDU-6 Nuclear Containment Integrated Leak Rate Testing. N. Saliba, D. Komljenovic, L. Chouinard, R. Vaillancourt, G. Chrétien and V. Gocevski. McGill University, Montréal, Québec, Hydro-Québec, Bécancour, Québec, Hydro-Québec Équipements, Montréal, Québec.
- 10:00 Coffee break

Session T14: Instrumentation and Control

Session Chairs: E. Varin (AECL), D. Meneley (UOIT)

- 8:00 Ultrasonic Flow Monitoring of SDS/ECI Feeder Channels. Jian Yang and Chunlei Zhao. Ontario Power Generation, Toronto, Ontario.
- 8:30 Nuclear Installation's Instrumentation and Control Systems on the Basis of Advanced RADIYTM Platform. E. Bakhmach, O. Siora, V. Kharchenko, V. Bezsalyi, V. Sklyar and A. Andrashov. Research and Production Corporation Radiy, Ukraine.
- 9:00 DCS Emulator Development for the ACR-1000 Simulator. Y. Nakashima, R. Trueman and K. Ishii. Hitachi Canada Ltd., Power & Industry Division, Ontario, Atomic Energy of Canada Limited, Ontario and Hitachi Ltd., Information & Control Systems Company, Ibaraki, Japan.
- 9:30 The Effect of Intermittent Operation on Local Fission Rate in the McMaster Nuclear Reactor. A. C. Morreale, S. E. Day and W. J. Garland. McMaster University, Hamilton, Ontario.
- 10:00 Coffee break
- 10:30 Gamma Radiation Scanning Of Nuclear Waste Storage Tile Holes. A. Das, S. Yue, B. Sur, J. Johnston, M. Gaudet, M. Wright, and N. Burton. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 11:00 Control System Design Considerations in a Modern Nuclear Power Plant. P. Foster, G. Raiskums, J. Harber and S. Tikku. Atomic Energy of Canada Limited, Mississauga, Ontario.

Session T15: Environment and Waste Management 2

Session Chairs: B. Sur(AECL)

- 8:00 Fate and Transport Modelling of Uranium in Port Hope Harbour. C. E. Pinilla, N. Garisto and R. Peters. SENES Consultants Limited, Richmond Hill, Ontario and Cameco Corporation, Port Hope, Ontario.
- 8:30 Validation of a long-term tritium dynamical model. V.Y. Korolevych and S.B. Kim. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 9:00 Gas Generation Model for OPG's Low and Intermediate Level Radioactive Waste Deep Geologic Repository. K. Sedor, P. Suckling, P. Humphreys and F. King. Nuclear Waste Management Organization, Toronto, Ontario, Quintessa Ltd., Henley-on-Thames, Oxfordshire, United Kingdom, University of Huddersfield, Queensgate, Huddersfield, United Kingdom and Integrity Corrosion Consulting Ltd., Nanaimo, British Columbia.
- 9:30 Muon Tomography for Imaging Nuclear Waste and Spent Fuel Verification. G. Jonkmans, V. N. P. Anghel and M. Thompson. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 10:00 Coffee break
- 10:30 Ecological Risk Assessment for Radiological and Chemical Contaminants at a Site with Historical Contamination. N.C. Garisto, A. Janes and R. Peters. SENES Consultants Limited, Richmond Hill, Ontario and Cameco Corporation, Port Hope, Ontario.
- 11:00 Transportable Automated Iodine-131 and Xenon-133 Sampling System. Q. Alexander, S. Alexander, D. Overall, G. Jonkmans, N. Munir, M. O'Kane, B. Smith, B. Sur, G. Tapp, P. Tonner and S. Yue. Atomic Energy of Canada Limited, Chalk River, Ontario.
- 11:30 Comparison of Dose Estimate Results from Radioecological Risk Assessment Models RESRAD-BIOTA, ERICA Tool and SENES Risk Model Using a Case Study. N. Garisto, R. Kovacs and A. Janes. SENES Consultants Limited, Richmond Hill, Ontario.

Session T16: Radiation and Medical-Radionuclide Production

Session Chairs: J.M. Cuttler (Cluttler & Associates), R. Jones (AECL)

- 8:00 Development and Test of a GEM-Based TEPC for Neutron Protection Dosimetry. M. Seydaliev and C. Wang. Atomic Energy of Canada Limited, Chalk River, Ontario and Georgia Institute of Technology, Atlanta, Georgia, USA.
- 8:30 Retrospective dosimetry with EPR and OSL at McMaster University. J.W. Thompson, D.R. Boreham, W.J. Rink and R. Mistry, McMaster University, Hamilton, Ontario.
- 9:00 Modelling of Aircrew Radiation Exposure During Solar Particle Events. H. Al Anid, B.J. Lewis, L.G.I. Bennett and M. Takada. Royal Military College of Canada, Kingston, Ontario, and National Institute of Radiological Science, Anagawa, Inage-Ku, Chiba, Japan.
- 9:30 Photo Production of Isotopes for Medical and Industrial Usages. Barbara Szpunar and Chary Rangacharyulu. University of Saskatchewan, Saskatoon, Saskatchewan.
- 10:00 Coffee break
- 10:30 Producing Molybdenum-99 in CANDU Reactors. Jerry M. Cuttler. Cuttler & Associates Inc. Mississauga, Ontario.
- 11:00 Imaging Radioactive Components Inside a CANDU Reactor Using Gamma Radiation Scanning. S. Yue, B.H. Smith, G. Jonkmans, J. Johnston, G. Tapp, D. Comeau, D. Taylor and B. Sur. Atomic Energy of Canada Limited, Chalk River, Ontario and Point Lepreau Generating Station, Lepreau, New Brunswick.