

11th International Conference on CANDU Fuel

“Flexible Fuel for a Greener Future”



2010 October 17-20
Sheraton Fallsview
Hotel and Conference
Centre
Niagara Falls
Ontario

Registration Information (before taxes)

Advanced Registration	
CNS Member*^	\$750
Non-Member*^	\$875
Student/Retiree*^	\$250
Spouses*	\$175

Late Registration—After August 2 nd	
CNS Member*^	\$850
Non-Member*^	\$975
Student/Retiree*^	\$350
Spouses*	\$175

* Includes Registration Reception, 3 breakfasts (Mon, Tue, Wed), banquet dinner and technical tour

^ Includes 3 lunches (Mon, Tue, Wed) and conference attendance

Deadlines

2010 April 20	On-line submission of full papers
2010 May 30	Notification of the acceptance of full papers
2010 June 20	On-line submission of final version of full papers
2010 August 2	End of early-bird registration

<http://www.cns-snc.ca/fuel2010.html>



Conference



History

Established in 1986, the International Conference on CANDU fuel is a gathering of operators, designers and researchers to discuss CANDU fuel. Dr. J.B. Slater noted in the key note address of the first fuel conference that there is a correlation between past successes in CANDU fuel cycle technology and the co-operation between researchers, fabricators and reactor owners/operators in all phases of the fuel cycle. Successive fuel conferences have built upon this model. Since this forum for fuel technology has proven to be valuable, the present conference draws on this past history and brings together the global CANDU fuel community to address the challenges of the industry for today and tomorrow.

Program Sessions

International Experience for CANDU Fuel: Summary of national programs for CANDU development, and of CANDU fuel operations and related issues.

Fuel Design: Fuel design, fuel qualifications, advanced fuel materials.

Advanced Fuel Cycles: R&D for advanced fuel cycle fuels including recycled uranium, thorium fuel, SEU, MOX, DUPIC, etc.

Fuel Modelling and Computer Code Development: Models for predicting fuel behaviour under normal operating and postulated accident conditions, including code qualifications.

Fuel Performance, Reliability and Operating Experience: Fuel behaviour in reactor, including high power operation, high burnup, failed fuel, fuel inspections, fuel handling.

Fuel Safety & Operational Margin Improvement: Licensing issues, accident analysis, experimental simulation, thermalhydraulic analysis, reactor aging effects, fuel management schemes, load following, reactor physics analysis.

Fuel Fabrication: Fuel manufacturing experience, advances in manufacturing & inspection technologies and quality assurance.

Spent Fuel Management: Handling technology, spent fuel storage and disposal approaches, in-storage fuel behaviour.



Events



Special Events

17th October, 7 P.M.: Registration and Reception

18th October: Registration, Opening Ceremony and Technical Tour

19th October: Banquet Dinner at Skylon Tower, Niagara Falls

Spousal Program

Two tours are being offered from the Tour Operator,
Niagara Adventures (www.niagaraadventures.com).

Full Day Tour—Monday

Niagara Falls Adventure Lunch Package (Tour 4, \$170 before tax)

- Lunch at the top of the Skylon Tower
- Ride the Maid of the Mist boat to the base of the falls
- Bus tour to Mount Carmel Monastery, Refectory restaurant, Horseshoe Falls Incline Railway, Power Plant disaster site, Rainbow Bridge, Site of the Old Clifton Hill Hotel, Queen Victoria Park, Forebay Arches, Clifton Hill, Oakes Garden theatre, Giant Whirlpool rapids, Floral Clock, Robert Moses hydro plant, Butterfly Conservatory and MORE!

Half Day Tour—Tuesday

Niagara On the Lake Package (Tour 7, \$105 before tax)

- Two complimentary wine tastings at local wineries
- Complimentary chocolate tasting at the chocolate factory
- Bus tour to Fort George, Old Court House, Fort Mississauga, Fort Niagara, Angel Inn, Prince of Wales Hotel, Oldest Drug Store, Shaw Theatre, Apothecary Museum, Old Town Clock, chocolate making, Welland Canal and MORE!

Organizing Committee

Steve Palleck	Conference Chair
Samir Girgis	Conference Vice-Chair
Ki-Seob Sim	Technical Program Chair
Masoud Shams	Technical Program Vice-Chair
Scott Froebe	Finance, Webmaster
Shaun Abbas	Facilities Coordinator
Asif Waheed	Sponsorship and Facilities
Margaret Bates	Entertainment and Social Coordinator
Daniel Dai	Photography Coordinator
Karen White	Administration
Denise Rouben	Registration
B. O'Sullivan	Registration

