



Canadian Nuclear Society / Société Nucléaire Canadienne

Chalk River Branch, c/o Ruxandra Dranga, AECL-Chalk River Laboratories, Chalk River, ON K0J 1J0

Web: <http://www.cns-snc.ca/CRB.html> e-mail: webmaster@cns-snc.ca

*“Supporting nuclear science and technology for over 25 years”
“plus de 25 ans de promotion de la science et de la technologie nucléaires”*

CNS Annual President's Dinner Meeting Adriaan Buijs, CNS President “Nuclear Energy in the Education of Sustainable Engineering Practices”

The Chalk River Branch of the Canadian Nuclear Society is pleased to offer a dinner at the Bears Den, followed by a talk by new CNS president Adriaan Buijs. Both CNS members and members of the public are welcome.

- Where: Bears Den (Highway 17 and Deep River Road)
When: Feb 21st at 6:00 p.m. Dinner will be served at 6:30 p.m.
What: Prime Rib Buffet
Who: Adriaan Buijs, CNS president, will give an after-dinner talk starting at 7:30 p.m.
Tickets: \$20.00 for CNS members, \$30.00 for non-members.
Contacts: Geoff Edwards (613 584 8811 ext. 43247 during work hours)
Blair Bromley (613 584 1518 after work hours)
Ruxandra Dranga (613-717-2338)

Dr. Buijs received his doctorate from the University of Utrecht (Holland) on work on photon-photon collisions studied at the Stanford Linear Accelerator Center in California, USA, and was a Fellow and staff member at CERN, the European Centre for Particle Physics, from 1986 to 1994. From 1994 to 2001 he was full professor of Experimental Physics at the University of Utrecht and director of the Particle Physics department. From Utrecht he moved to AECL in 2001 and took a position as a Senior Scientist, then Section Head, of the Safety Analysis and Neutronic Overpower Protection Section of the Reactor Core Physics Branch at Sheridan Park. In 2006 he became Manager of the Physics Design Group for the ACR-1000, a position he held until 2009 when he accepted a position at McMaster University as Professor of Engineering Physics and returned to academia.

In his presentation, Dr. Buijs will introduce the popular concept of sustainability and discuss how nuclear power in general, and CANDU reactors in particular, fit in this modern way of thinking. The presentation will cover the aspects of CANDU reactors which make them sustainable tools for electricity production, as well as the approaches that are currently taken in engineering faculties to lead to an education in sustainable design practices.



Adriaan Buijs
Professor of Engineering Physics
McMaster University
Hamilton, Ontario

Monday, Feb. 21st 2011
(after the 6:30 p.m. dinner meeting)

Bears Den (Deep River)

Further information: Blair Bromley at 613 584 1518, or Geoff Edwards at ext. 613-584-8811 ext. 43247