



# Deep River Science Academy

## Summer Lecture Series

Co-sponsored by  
Canadian Nuclear Society  
Chalk River Branch



## “Splitting Atoms, Canadian Style”

A monumental decision confronts many jurisdictions like Ontario, where demand for electricity is predicted to outstrip available supply within the next few years. The plans to fill this gap must meet environmental, economic, and performance expectations that severely limit the number of realistic options. Among these, nuclear power is one of the few options for large-scale baseload electricity production. It is a mature Canadian technology that can underpin an aggressive campaign of conservation and renewable plant construction. What is needed is the political will to move forward.

This presentation will briefly cover the history of Canada’s nuclear program, its current status, and its promise for the future. It will include a survey of some of the benefits and challenges of the technology. Questions will be welcome and some nifty demonstrations will be attempted.

Jeremy Whitlock is a reactor physicist, and currently the Manager of Non-Proliferation and Safeguards at AECL Chalk River Laboratories. He is also a Past President of the Canadian Nuclear Society, and a long-time communicator on nuclear issues. Since 1996 Jeremy has maintained a personal website on Canadian nuclear technology, "The Canadian Nuclear FAQ" (Frequently-Asked Questions), that has become a popular Canadian resource on the subject: [www.nuclearfaq.ca](http://www.nuclearfaq.ca)

Dr. Jeremy Whitlock

Thursday, 2008 July 10, starting at 6:30 p.m.

J.L. Gray Engineering Centre -- Bennett/Mackenzie Room,  
(Please come to the rear entrance of the building)

Refreshments will be served – ALL WELCOME!