



**Canadian Nuclear Society
Soci t  Nucl aire Canadienne
Ottawa Branch**

Overview of Canada's Generation IV (Gen IV) National Program

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On February 28th, 2005 Canada signed the Generation IV International Forum (GIF) Framework Agreement (treaty) to pursue a collaborative large-scale, research initiative focused on six nuclear systems endorsed by GIF. Currently, ten countries have signed the Framework Agreement. Canada is participating in two systems; the Super Critical Water-cooled Reactor (SCWR) and the Very High Temperature Reactor (VHTR). Canada's main focus is on the development of the SCWR which is a natural evolution of the CANDU systems. Canadian VHTR efforts are focused on research and development that are synergistic with the SCWR.

To fulfil Canada's obligations under the Framework Agreement, Natural Resources Canada (NRCan) created the Gen IV National Program to bring together government, industry and universities from across the country to participate in R&D that would focus on the multi-lateral development of advanced nuclear-based systems.

The presentation will provide an overview of the GIF, Canada's National Program, and research being undertaken in Canada to support our treaty obligations.

Date: Thursday, November 19
Time: 7:00 pm.
Location Air Force Mess (Control Tower, 3rd Floor)
158 Gloucester St. (between Bank and O'Connor)

Cash bar available.

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- ALL WELCOME -