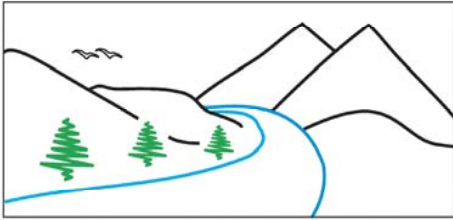


NRESi



"Our environment is our future"

SPECIAL RESEARCH COLLOQUIUM

co-sponsored by **GREEN UNIVERSITY COMMITTEE**

Tuesday

Mar. 3, 2009

3:30 - 5:00

LECTURE THEATRE

7 - 158

**LIGHT REFRESHMENTS
SERVED AT 3:20 PM**

Dr. John S. MacDonald

co-founder of **MacDonald Dettwiler & Associates**
and **Chairman & CEO, Day4 Energy Inc.**



Energy in the 21st Century

Dr. MacDonald has had a distinguished career in the technology community in Canada. He is currently Chairman & CEO of Day4 Energy Inc., a solar energy company of which he is a co-founder. Day4 Energy is dedicated to exploring a new photovoltaic technology targeted at making solar energy cost competitive with fossil fuel. He was also a co-founder of MacDonald Dettwiler & Associates (MDA), Canada's principal space company, serving as President & CEO for 13 years and Chairman for a subsequent 16 years until his retirement from the company in 1998. Dr. MacDonald was a faculty member in engineering at UBC and MIT for a total of 12 years prior to the founding of MacDonald Dettwiler.

Dr. MacDonald's technical interests lie in the areas of photovoltaic energy systems, advanced digital systems engineering, remote sensing and information processing. At the present time, his technical activity is concentrated on the development of cost-competitive solar power systems and the characteristics of renewable energy dominated grids.

Dr. MacDonald has been awarded eight Honorary Degrees, and is an Officer of the Order of Canada. In 1999 he was named one of "50 most influential British Columbia business leaders in the 20th Century" and "Technology Entrepreneur of the Year" in 1995. In 2006 he was inducted as a Laureate of the British Columbia Business Hall of Fame and received the Ernst and Young Entrepreneur of the year Lifetime Achievement Award. On March 31, 2009 he will be inducted into the Canadian Manufacturing Hall of Fame.