



Réseau photonique du Québec
Quebec Photonic Network



**Clean Technologies for Sustainable Development:
What's in it for the Photonic Industry?**

A one day seminar - August 30th

INO

2740 Einstein Street, Québec City, Québec G1P 4S4 (Phone: 418-657-7506)

Dear colleague,

The World Energy Council organizes a [congress](#) every three years. The next one will be held in Montreal in September, 2010. This congress, brings together approximately 3500 top world leaders in the field of energy, coming from industry, governments, and international organizations, as well as the media, universities and energy industry associations.

"**Clean Technologies for Sustainable Development: What's in it for the Photonic Industry?**" is a one day seminar, organized by the Quebec Photonic Network in collaboration with the National Optics Institute (INO) to provide inputs from representatives of the photonic industry that can be submitted as announcements and/or recommendations at the World Energy Congress. To this end, we have assembled an outstanding group of speakers to provide insight and inspiration to the attendees and to lead a forward looking discussion on the roles that Canada's Optics and Photonics companies and their business partners can play. The seminar will be held at the National Optics Institute facilities in Quebec City on Monday August 30th.

Invited Speakers

- **Axel Meisen** ([BIO](#)), Chair of foresight, Alberta Innovates – Technology futures, Alberta.
In his capacity, Dr. Meisen engages pre-eminent thinkers from Canada and around the world, to define issues where AITF and Alberta can strengthen their roles for economic development and as leaders in innovation and research. He is also President of the Canadian Commission for UNESCO and Past President of the Canadian Academy of Engineering.
- **Michael Leppy** ([BIO](#)), GM and CTO, Translucent.
Dr. Leppy's career has spanned all aspects of the optoelectronics business ranging from research and development, operations, manufacturing, and finance, to sales, marketing, and investing. As Past President and CEO of the Optoelectronics Industry Development Association (OIDA), he raised the profile of '**green photonics**' from both a technology and a marketing standpoint.
- **Muriel McGrath** ([BIO](#)), Partner (Energy & Communications), IBM Global Business Services.
Ms. McGrath is one of the four IBM Canada national leaders of the sector energy and communications.
- **Gaétan Lantagne** ([BIO](#)), Scientific Director, Institut de recherche d'Hydro-Québec (IREQ).
As Scientific Director, Dr. Lantagne supervises research activities, particularly the renewable energy platform.
- **Marie D'Iorio** ([BIO](#)), Director-General, Institute for Microstructural Sciences, National Research Council Canada.
Dr. D'Iorio leads also the Information and Communication Technologies and the Clean Energy Strategy Development at NRC.
- **Miljana Horvat** ([BIO](#)), Professor, Department of Architectural Science, Ryerson University, Toronto.
Dr. Horvat co-leads Team Canada in the International Energy Agency, Task 41: Solar Energy and Architecture.
- **Rafael Kleiman** ([BIO](#)), Scientific Director, Canadian Photovoltaic Innovation Network, McMaster University.
Dr. Kleiman leads also the CFI/ORF \$13.0M project to build the Laboratory for Advanced Photovoltaic Research at McMaster.

Topics of presentation:

- Energy and Sustainable Development
- Green Photonics
- Smart Grids
- Intelligent Green Buildings
- Photovoltaic energy production in Canada
- Renewable Energy: Hydro-Québec and National Research Council Canada perspectives

A **round table discussion** will follow wherein recommended actions and announcements will be formulated.

This seminar will show you how to participate in the major projects developing in Clean Technologies and Sustainable Development.

The seminar will run from 8:45 AM to 4:30 PM, with registration and breakfast starting at 7:45 AM. Please click here for more details on the [program](#) and to [register](#).

For more information contact Françoise Lee, francoiselee@photoniquequebec.ca .

