

INTERNATIONAL YOUTH NETWORK

for the Advancement of the Sciences, Humanities and Global Bioethics (IYNet)

A NEW PROJECT OF PUBLIC AWARENESS EDUCATION PROGRAMS (PAEP est. 1979)

NGO Member of Forum UNESCO and United Nations Environment Programme (UNEP) ♦ International PEN



SCIENCE SPHERE 2010 ♦ UNITED NATIONS DAY 21st CANADIAN INTERNATIONAL YOUTH FORUM

Education For A Sustainable Future

Exploring New Ways of Knowing the Sciences & Humanities - Values & Society (click title)

Transdisciplinary Programs – Preparing for the 21st Century

- 10:05 - 10:45 **MANAGING WITHOUT GROWTH: SLOWER BY DESIGN, NOT DISASTER (MWG)**
Confronting the Ecological Crisis of the Planet - The Direction We Must Go
Author/Speaker: Peter A. Victor, Ph.D., Faculty of Environmental Studies, York University
- 10:50 - 11:30 **CHALLENGES IN NEUROSCIENCE: FROM BRAIN TO BEHAVIOUR**
Speaker: Allison B. Sekuler, Ph.D., Professor and Canada Research Chair in Cognitive Neuroscience, Department of Psychology, Neuroscience & Behaviour (PNB) (Dept. Information) Associate Vice-President and Dean (Graduate Studies), McMaster University
- 11:35 - 12:15 **NANOTECHNOLOGY: FROM VISION TO INDUSTRIAL REVOLUTION? KEY ROLES, CHALLENGES AND BENEFITS FOR SUSTAINABLE DEVELOPMENT AND YOU**
Speaker: Ulrich J. Krull, Ph.D., Professor of Analytical Chemistry (Dept. Information) AstraZeneca Chair in Biotechnology; Vice-Principal Research, University of Toronto
- 12:20 - 12:30 **IYNet PROJECT ACTIVITIES: AN OVERVIEW 2006-2009** (click)
Prepared for Koichiro Matsuura, Director-General of UNESCO (1999-2009)
Alternative Energy Resources – The Bridge To The Future: 2010-11 Writing Award Projects
Speaker: Saviz Ehyai, B.Sc., Graduate Student, Dept. of Biology, York University
- 12:30 - 5:00 **Regular SCIENCE CENTRE EXHIBITS** (Admission free, following attendance at Forum)

(Each presentation is approximately 30 minutes, followed by a 10min. question/discussion period)

SCIENCE SPHERE 2010 IS HELD IN PARTNERSHIP WITH THE ONTARIO SCIENCE CENTRE

Saturday, 23 October 2010

10:00 a.m. – 5:00 p.m. ♦ FREE ADMISSION ♦ Advance Registration Required

Place: Ontario Science Centre – Toronto, 770 Don Mills Road, Imperial Oil Auditorium

Individual or Group Registration by Email, Telephone or Fax ♦ Closing Date: Friday 22 October 2010

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As an NGO member of Forum UNESCO, UNEP; and International PEN, PAEP/IYNet takes grassroots initiatives, working with and for youth to advance the universal principles and values of the United Nations Educational, Scientific and Cultural Organization (UNESCO) and UNEP: To understand and respect cultural diversity as the common heritage of humanity; foster a new transdisciplinary, educational, scientific, environmental and inter-cultural dialogue towards a universal code of ethics for the benefit of future generations; build awareness and mutual understanding; and strengthen international cooperation in the protection of the world's shared natural, cultural, intellectual and scientific heritage.

<http://www.paep.ca> ♦ <http://www.paep.ca/IYNet.php> ♦ © PAEP/IYNet/hfs/lis 2010
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