

Societal Implications of Nanotechnology

Student Seminars

Sponsored by the Center of Excellence in Nanotechnology

November 20, 2009

1:30 - PM to 4:00 PM

Outreach Building — Classroom 102 A & B (First floor, to the right)

Nanotechnology is an emerging, enabling, and interdisciplinary but disruptive technology that will affect every product made. Nanotechnology will contribute several trillions of dollars to the world economy by 2015. It will definitely affect your life. Please come and listen to how nanotechnology will impact day-to-day products, the future of *energy*, your *food*, your *environment*, your *security* and perhaps your *career*.

Event Organizer:

Professor Louis Hornyak, Ph.D., Visiting Faculty,
Center of Excellence in Nanotechnology
School of Engineering and Technology
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PROGRAM

1:30 Introduction: "Nano Landscape at AIT" — **Professor Joydeep Dutta**, Director

1:35 Opening Remarks and Definitions: **Professor Louis Hornyak**

1:45 Talk 1: Medical Implications — **Karthik Lakshman**

2:00 Talk 2: The Energy Crisis — **Saabah Bin Mahbub**

2:15 Talk 3: Military Implications — **Pattamon Teerapanich**

2:30 Talk 4: Surveillance — **Jafar Khan Kasi**

2:45 Talk 5: Environmental Implications — **Setyono Hari Adi**

3:00 Talk 6: Soil Improvement — **Fadhlullah Ramadhani**

3:30 Talk 7: Agricultural Products Impact — **Sigit Budi Santoso**

3:45 Talk 8: Nanotechnology Education — **M. Abbas Mahmood**

4:00 Concluding Remarks and Reception
