

NATIONAL BUREAU OF ECONOMIC RESEARCH, INC.

Emerging Industries: Nanotechnology and NanoIndicators

May 1 and 2, 2008

Hotel Marlowe
25 Edwin H. Land Boulevard
Cambridge, Massachusetts

Preliminary Program

Thursday, May 1st, 2008:

2:00 p.m. – 4:00 p.m. SESSION I: EMERGENCE OF NANOTECH CONCEPTS

Stine Grodal and Grid Thoma

[*Cross-Pollination in Science and Technology: Concept Mobility in the Nanobiotechnology Field*](#)

Stuart J. H. Graham and Maurizio Iacopetta

Nanotechnology: The Emergence of a General Purpose Technology?

Kelly Laas and Vivian Weil

[*Taking a Proactive Approach Towards Responsibility: Indications of Nano Policy-Making around the World*](#)

Alan L. Porter, Martin Meyer and Ismael Rafols

The Cognitive Geography of Nanotechnologies: Location and Knowledge Flows of Nano-Research in the Map of Science.

Discussant:

4:15 p.m. – 6:00 p.m. SESSION II: WORKING IN NANOTECH

Jinyoung Kim, Sangjoon Lee and Gerald Marschke

[*The Influence of University Scientists on Innovations in Nanotechnology*](#)

Lynne G. Zucker and Michael R. Darby

NanoIndicator: Movements of Star Nanoscientists

Richard Freeman and Kavita M. Shukla

Jobs in Nano-tech – The Job Board Index

Discussant:

6:30 p.m. DINNER: Skyline Room, Royal Sonesta Hotel

Speaker: David Goldston

Friday, May 2nd, 2008:

8:30 p.m. – 10:00 a.m. SESSION III: NANOTECHNOLOGY AND MEDIA COVERAGE

Thomas Heinze

Exploring the Evolution of Nanotechnologies: Mass Media Patterns and Corporate Capacity Building

Sharon M. Friedman and Brenda P. Egolf

Mass Media Coverage of Nanotechnology: Indicators about Environmental and Health Risks and Regulatory Issues

Discussant:

10:00 a.m. – 10:30 a.m. COFFEE BREAK

10:30 a.m. – 12:30 p.m. SESSION IV: SOCIETAL ISSUES

Ali Emre Uyar, Christine Robichaud, Michael R. Darby, Mark Wiesner and Lynne G. Zucker

Nano-Titanium Dioxide Risk Assessment

Steven C. Currall

Comparing Societal Risks and Benefits of Nanotechnology Versus Other Technologies

Michael Lounsbury, Christopher Kelty, Cafer T. Yavuz and Vicki L. Colvin
Towards Open Source Nano: Arsenic Removal and Alternative Models of Technology Transfer

Claire Auplat, Mark Wiesner and Lynne G. Zucker

Risk Management and Institutional Emergence in Nanotechnologies: Looking at Public Engagement Experiments

Discussant:

12:45 p.m. – 1:45 p.m. LUNCH

2:00 p.m. – 3:45 p.m. SESSION V: GEOGRAPHY OF NANOINDICATORS

Philip Shapira, Jan Youtie and Stephen Carley

What's New About Emerging Metropolitan Nanodistricts in the United States and Europe? Characteristics of Research and Commercialization

Andrea Schiffauerova and Catherine Beaudry

[*Innovation Networks and Collaboration in Canadian Nanotechnology Clusters*](#)

John Trumpbour

The Rise of Nanotechnology in India and China: Mapping and Measuring State Support and Private Investment

Discussant: