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

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