



Producing Results in Nanotechnology Today

Commercialization of NanoMaterials|2007



November 11-13, 2007 Pittsburgh, Pa.

The potential for commercial development of nanomaterials exists now. Held in a region with a rich materials tradition, this conference presents advances that pave the way for the evolution of materials and materials industries through nanotechnology.

The Focus: Nanomaterials That Drive Opportunities for High Volume Production

- **Bio Nano**
- **Functional Nanomaterials**
- **Nanomaterials for Energy Applications**
- **Structural Nanomaterials**
- **Coatings**

Commercialization of NanoMaterials 2007 will provide the unique opportunity for dialogue among industry, small business, academia and government to understand each others' needs and the opportunities for nanomaterials solutions.

Learn about the commercialization and rational use of nanomaterials:

- Nanomaterials and nanotechnologies in today's materials industry
- Global perspectives on nanomaterial commercialization
- Nanomaterials environmental health and safety forum
- Nanomaterials enterprise: investors, entrepreneurs and big business

**Visit www.tms.org/nanomaterials.html
for more information and to register.**

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About the Program

Invited Keynotes

Speaker: E. Clayton Teague, Director, Federal National Nanotechnology Coordination Office

Subject: National Nanotechnology Initiative

Speaker: Scott Livingston, Managing Director, Axiom Capital Management Inc.

Subject: Wall Street, Investing and Nanomaterials

Speaker: Andy Hannah, President and CEO, Plextronics Inc.

Subject: Successful Nanotechnology Startups

Introductory Remarks: Mike Doyle, U.S. Congressman (D-PA)

Subject: Congressional Perspectives

Invited Plenary Speakers

- Sang-Rock Han, Director General, Nano Korea – Nano Technology Research Association, South Korea
- Peter Hauptmann, Director, Saarland Economic Promotion Corp., Germany
- Tatsuro Ichihara, Chief Executive Officer, ASTEM, Japan
- Mehdi Moussavi, Chef du Département des Technologies des Nanomatériaux, CEA-DRT-LITEN, France
- Nils Peterson, Director General, National Institute for Nanotechnology, Alberta, Canada

Sessions

Bio Nano

Advancements and needs for materials for bio- and pharma-applications.

Chair: Todd Osman, TMS

Coatings

State-of-the-art commercial nano-enhanced coatings, including anti-microbial, corrosion resistant and barrier coatings.

Chair: Dan Rardon, PPG Industries Inc.

Energy

The role of nanomaterials in the evolving energy economy, including solar cells, fuel cells, nuclear energy and fossil fuels.

Chair: S.K. Sundaram, Pacific Northwest National Laboratory

Environmental Health and Safety

Critical discussion addressing progress in nano environmental health and safety from large-scale materials producers, government agencies and analytical laboratories. *Chair: Kim McDonald, Bayer MaterialScience*

Functional Nanomaterials

Global forum on applications of functional nanomaterials.

Chair: Todd Osman, TMS

Perspectives on Commercialization

Commercial needs from the perspectives of leading corporations, startup companies, venture capitalists and national media.

Chair: Dave Diehl, Nanomaterials Consultant

State and Local Development

States answer to the National Nanotechnology Initiative call to action, and support for research and commercial development of nanomaterials.

Chair: Alan Brown, Pennsylvania NanoMaterials Commercialization Center

Structural Nanomaterials

Commercial success for large-scale use of nanoclays, and commercial needs for structural nanomaterials.

Chair: Nigel Sanders, Mineral Technologies Inc.

Visit www.tms.org/nanomaterials.html to register to attend!