

Conference Proceedings Download - Aerogels 2008, Providence, RI USA



Aerogels World Summit 2008

October 16-17, 2008

Providence Biltmore Hotel, Providence, RI USA

Download the final versions of all presentations given at the conference below. All presentations are in PDF format.

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Thursday, October 16

Session 1: Applications and technology

[8:30 Commercialization of aerogels](#)

Aaron Johnson, Global Business Development Manager

CABOT CORPORATION, US

[9:00 Use of aerogels to improve physical and financial performance of CO2 sequestering operations](#)

John Cogliandro, Senior Program Manager, Mission Innovation, RAYTHEON, US

[9:30 Silica-Aerogel in architectural applications](#)

Frank Schneider, Director Research & Development

OKALUX GMBH, GERMANY

[10:30 Aerogels in Wal-Mart?\(commercialization challenges and potential\)](#)

Bruce McCormick, President

POLARWRAP LLC, US

11:00 Aerogel design system: wearable microclima

Filippo Pagliai, CEO

GRADO ZERO SPACE, Italy

11:30 Aerogel blanket insulation: why is it attractive to petrochemical facilities?

Keith Chustz, Non-Metallic Materials Specialist

EXXONMOBIL RESEARCH & ENGINEERING, US

Session 2: Technical developments

1:30 Flexible silica based xerogels and aerogels for space applications

Jessica Hernandez, Chemical Engineer

ACTIVE SPACE TECHNOLOGIES, Portugal

2:00 Semiconducting chalcogenide aerogels

Stephanie Brock, Associate Professor, Department of Chemistry, WAYNE STATE UNIVERSITY, US

3:00 Recent developments with aerogel technologies

Dr Yosry Attia, President

TAASI CORPORATION, US

3:30 Recent advances in polymer cross-linked aerogel technology

Mary Ann Meador

NASA GLENN RESEARCH CENTER, US

4:00 Properties of fluorinated silica materials

John Reynolds, Program Manager

LAWRENCE LIVERMORE NATIONAL LABORATORY, US

Friday, October 17

8:30 3D multifunctional nanoarchitectures - and what to do with

them!

Debra Rolison, Head, Advanced Electrochemical Materials Section, US NAVAL RESEARCH LABORATORY, US

9:00 Aerogel for space exploration

Peter Tsou, Jet Propulsion Laboratory

NASA, US

9:30 Designing aerogel insulation for high temperature industrial applications

George Gould, Director of R&D

ASPEN AEROGELS, US

10:30 Silica aerogels as high-performance insulation materials: structure-property relationship elucidated with synchrotron small-angle x-ray scattering (SAXS)

Mathias Kobel, Head Building Materials Group

EMPA - Materials Science and Technology, Switzerland

11:00 Non-silica aerogels via an ice templating process

Dr Dave Schiraldi, Associate Professor

CASE WESTERN UNIVERSITY, US

11:30 Critical point drying: application to non solvent-exchanged hydrogels

Val Krukonis, PHASEX CORPORATION, US

Other information/links within this area:

- [Useful Contacts](#)

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