

CALL FOR PAPERS

The Institute for Nanomaterials, Advanced Technologies and Innovation at Technical University of Liberec and The Nonwovens Institute at North Carolina State University are pleased to announce the international conference on:

NANOFIBERS, APPLICATIONS AND RELATED TECHNOLOGIES - NART 2015

The objective of the conference is to accelerate the adoption of micro and nanofibers and related (nano) technologies in a wide range of innovative functional products.

NART 2015 will be held in Liberec, Czech Republic on August 31 through September 2, 2015. NART 2016 will be held at The Nonwovens Institute Raleigh, NC.

This conference will bring together experts in the field from universities, research institutes and industry with a common interest in the realization of innovative solutions achieved through the use of micro and nanofibers and other related nanomaterials. The scope of the event will be broad and will include both academic and industrial interests; the conference proceedings will be cited in recognized scientific databases (Scopus).

The conference agenda will be organized into three concurrent sessions:

Micro and Nanofiber Technology and Trends

- Technology Innovations and Trends
- Characterization of Nanofibers
- Modeling and Theoretical Considerations
- Structure and Morphology of Polymeric Organic and Inorganic Nanofibers
- Surface Modification and Functionalization of Nanofibers

Micro and Nanofibers and Related Materials

- Nanofibers and Functional Nanoparticles
- Nanofibers and Other Nanomaterials Synergies
- Multi-Nano Applications (nanofibers doped with nanoparticles, nanofibers as nanoparticle carriers, nano-delivery systems for environment and bio-medicine, nano-bio-technologies)

Micro and Nanofibers and Other Nanomaterials in Products

- Business Development Trends
- Nanofiber Industry Challenges
- Nanofiber Cost Benefit Analysis, Return on Investment
- Nanofibers and Nanomaterials in Products
- Automotive, Energy, Infrastructure
- Healthcare / Life Sciences
- Environment / Water / Air

Special COST ACTION MP1206 con-current session: Workshop on Electrospun Nano-fibers for bio inspired composite materials and innovative industrial applications.

- The aim of the Action is to form a European multidisciplinary knowledge platform on electrospinning of nanofibres to facilitate their rapid development and applications.

The deadlines of NART 2015 are:

Abstracts Submissions: March 31, 2015
Authors Notifications: April 30, 2015
Registration and Upload of Paper and Presentations: July 15, 2015

Further information and registration: <http://nart.tul.cz>

Participants can attend all sessions and will have access to the online proceedings. In addition, an exhibition area will be available for the display of posters as well as commercial tabletop presentations.

All submitted papers/abstracts will go through a review process.



The Selection Committee Members Include:

North Carolina State University

Behnam Pourdeyhimi
Ruben Carbonell
Jan Genzer
Saad Khan
Peter Fedkiw
Eunkyoung Shim
Benoit Maze
Elizabeth Lobo

University of Akron

Darrell H. Reneker
George Chase

Technical University of Liberec

David Lukas
Oldrich Jirsak
Miroslav Cernik
Stanislav Petrik

Industry Panel Members

John Fitzgerald, Hollingsworth & Vose Company
Angelika Mayman, Hollingsworth & Vose Company
Ales Gardian, Elmarco Company
Jay Forcucci, PGI
David Yavorsky, Millipore-Merck
Ladislav Mares, Nafigate Corporation

University of Chicago

Alexander L. Yarin
Constantine Megaridis

University Bayreuth

Andreas Greiner