

NANOITALTEX 2008

Nanotechnologies and other emerging technologies for the Textile & Apparel Sector

Milano, 26-27 November 2008
Grand Hotel Villa Torretta – Via Milanese, 3 – Sesto S.Giovanni (MI)

Programme 26 November 2008

9.15 Registration

9.45 Opening Conference

Andrea Parodi (Presidente TexClubTec); Elvio Mantovani (Director AIRI/Nanotec.IT)

Corporate growth strategies

Coord. Cristina Jucker (Il Sole 24 Ore)

10.00 The Textile and Clothing Industry in Italy: features, trends, and Policy proposals
Massimiliano Serati (Prof.Univ.Cattaneo – LIUC - Castellanza VA)

10.25 The Network of Small Companies for Innovation
Eugenio Corti (CEO European Center for Space Application - ECSA)

10.50 Round Table
Participants:
Andrea Parodi (CEO, Fil Man Made Group Srl)
Eugenio Corti (CEO, European Center for Space Application - ECSA)
Massimiliano Serati (Prof.Univ.Cattaneo – LIUC - Castellanza VA)

11.15 Coffee-Break

Smart Textiles

Coord. Aldo Tempesti (TexClubTec)

11.35 Smart Textiles: Innovations Combining textiles and Electronics
Guido Chiappa (D'Appolonia SpA)

12.05 Wearable devices based on e-textile for the development of haptic systems
Danilo De Rossi (Università di Pisa)

12.35 Innovative Sensors and Flexible electronics for textile integration
Sergio Ferrero (Microla Optoelectronics Srl)

13.00 Lunch

High performance materials for sport

Coord. Vittorio Giomo (Ideas)

14.15 Dryarn, an innovative fibre for sport. Characteristics and applications.
Nathalie De Marco (Aquafil)

14.45 Concept, nanotechnologies, fabric technologies: LZR Racer, Speedo swimwear that wins 90% of the Olympic Games' medals
Aurelio Fassi (Mectex SpA)

14.15 Breathable membranes for technical clothing
Diego Caletti (Vagotex)

15.45 Coffee-Break

Shape memory materials

AVALON ROADSHOW

16.15 Introduction to the Avalon project and the principles Of Smart Networks
Thomas Fischer (DITF-MR)

16.25 Shape memory fibres and their application possibilities in Technical Textiles
Alessandra Monero (D'Appolonia SpA)

16.45 Nichel-Titanium Fibres in Textile Composites
Ettore Rossini (eXtreme Materials)

17.10 Round Table Discussion and Guided Poster Session

- Opportunities and Challenges of Shape Memory Fibres in Technical Textiles

- Opportunities and Challenges in Innovation Networking

- How to benefit from the AVALON project results

Plenary Discussion with:

Thomas Fischer (DITF-MR)

Alessandra Monero (D'Appolonia SpA)

Ettore Rossini (eXtreme Materials)

Aldo Tempesti (TexClubTec)

18.00 Poster session

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High performance products for protection

Coord. Enzo Piarulli (Fait Plast)

- 9.20 Yarns for antistatic protection
Lieven Tack (Bekintex N.V.)
- 9.40 Airbag for motorcycle racer: the importance of technical
textiles in the new airbag protections
Fabio Colombo (Colgra)
- 10.00 Fire protection: how to guarantee comfort and safety
Maurizia Botti (Slam SpA)

10.30 Coffee-Break

Materials and technologies for surface treatment

Coord. Elvio Mantovani (AIRI/Nanotec.IT)

- 11.10 Functionalization of cellulosic fibres with
nanodispersions urethanic pre-polymers
Marco Cerra (Ichemical)
- 11.30 New product and application concepts for the
functionalization of textiles
Gerd Brander (Huntsman TE)
- 11.50 Nanospheres and nanotechnologies
Davide Demango (Clariant)
- 12.20 Metallized textiles for electrical, optical and medical
applications
Dirk Hegemann (EMPA)

13.00 Lunch

The role of knowledge for companies

Coord. Lodovico Jucker (UNITEX)

- 14.15 UNI Standards as a technical knowledge sharing tool and
develop dryver
Ruggero Lensi (UNI)
- 14.40 The role of technical and scientific knowledge
Athanase Contargyris (IFTH)
- 15.05 The importance of intellectual property rights in the
development of emerging technologies
Claudio Germinario (Società Italiana Brevetti)

15.30 Coffee-Break

Raw materials and innovative technologies

Coord. Bruno Marcandalli (Stazione Sperimentale Seta)

- 15.50 Decoding information nanostructured polymer materials
for textiles traceability
José Maria Kenny (Università di Perugia)
- 16.20 Monofilaments for spacer fabrics
Paolo Dominioni (Sider Arc)
- 16.50 Industrial applications of nanomaterials and
nanostructures in the textile sector
Giovanni Baldi (Colorobbia)
- 17.20 Sol-gel technology for high-performance textiles
Marinella Levi (Politecnico di Milano)

17.50 Poster session

Simultaneous translation will be available during all the conference

Info

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Updated 12-11-08