Airi Associazione italiana per la ricerca industriale — nanotec IT — TEX CLUB TEC

In collaboration with CAMERA DI COMMERCIO *di Milano*

With the endorsment of: Istituto nazionale per il Commercio Estero

NanoItalTex 2007
Nanotech and other emerging technologies for textiles and clothing

R&D, marketing, innovation financing, educational needs

21 - 22 November 2007

Palazzo Affari ai Giureconsulti – P.zza Mercanti 2, Milan, Italy

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1° DAY, NOVEMBER 21st, 2007

9.15 ***Registration***

10.00 ***Opening Conference***
Alessandro Spada *(Chamber of Commerce of Milano);* ***Elvio Mantovani*** *(AIRI/Nanotec IT),* ***Andrea Parodi*** *(TexClubTec)*

Plenary session - Innovation and textiles: the international scenario
Chair. Andrea Parodi (TexClubTec)

10.30 ***Competition and innovation: evolution of the textile sector in Europe***
Michele Tronconi (Euratex)

10.55 ***Which innovation in textiles? Radical and incremental innovation***
Matteo Bogana (Polytechnic of Milano Foundation)

11.20 ***Nanotechnology for textile applications***
Dirk Hegemann (EMPA)

New materials for textiles and clothing
Coord. Giorgio Mazzucchetti (CNR-ISMAC)

11.55 ***Polyolefinic nanocomposites: design and application for textile***
Giuseppe Ferrara (Basell Poliolefine Italia Srl)

12.20 ***Cosmetotextiles: the challenges of an exciting emerging market***
Raymond Mathis (Cognis)

12.45 ***Waterproof, breathable fabrics: the role of nanophase separation in hydrophilic polyurethane technology***
Robert Lomax (Baxenden Chemicals)

13.10 ***Textile biotechnology: a tool to foster process and product innovation***
Giuliano Freddi (Stazione Sperimentale della Seta)

Challenges in the apparel sector
Chair. Ornella Bignami (Elementi Moda)

11.55 ***10 years of nanotextiles at Schoeller: future strategy. Safeguarding the region's economic future. Challenges.***
Hans Kohn (Schoeller Technologies AG)

12.20 ***Functionality and aesthetic in sport wear. High tech materials: from theory to reality***
Maurizia Botti (Slam)

12.45 ***Novonic smart products, wearable technologies in the fashion market***
Lu'ai Wahhoud (Novonic/Zimmerman GmbH)

13.10 ***High-performance and functional textiles: the case of the "luxury" market***
Mariangela Rossetto (Loro Piana)

13.35-14.30 Lunch

The bio textile connection
Chair. Solitario Nesti (Tecnotessile)

14.30 ***Biomedical use of nano- fibres for tissue engineering***
Claudio Migliaresi (University of Trento)

14.55 ***Preparation, properties and potential applications of regenerated keratin***
Claudia Vineis (CNR-ISMAC)

15.20 ***Innovative dressing wound: the state of the art***
Francesco Cilurzo (University of Milano)

15.45 ***Regenerated fibrin for the biomedical sector***
Silvio Faragò (Stazione Sperimentale della Seta)

Textile reinforced composite materials
Chair. Rocco Rametta (Cetma)

14.30 ***Design and realisation of textile structures for composite materials***
Marco Barbieri (Tecnotessile)

14.55 ***Production techniques of narrow fabrics intended for innovative uses and for composites in technical field***
Mauro Romano (Comez)

15.20 ***Technological solution of composite materials in high added value sectors***
Paolo Gariboldi (SEAL)

15.45 ***Pro-Head: Hybrid Thermoplastic Composites for high Performance Head Protection System***
Alessandro Bozzolo (D'Appolonia)

16.10-16.30 Coffe-break

Smart textiles
Chair. Dirk Hegemann (EMPA)

16.30 ***New frontiers in Smart fabric & interactive textile wearable systems***
Enzo Pasquale Scilingo (University of Pisa)

16.55 ***Integration in textile of non-invasive sensor for mobile monitoring of physiological signals***
Fabrizio Pirri (Polytechnic of Torino)

17.20 ***Near-term impact of electrical conductivity of textile structures***
Ivano Soliani (Soliani EMC)

17.45 ***Electroluminescent textiles: the new applications of flexible light***
Elena Turco (Grado Zero Espace)

Strategic horizontal issues
Chair. Massimo Marchi (Marchi & Fildi)

16.30 ***Innovation and standards. Report on results of a European textile & clothing industry survey***
Deborah Santus – Roosen (Euratex)

16.55 ***Opportunities and challenges for financing innovation in the European Textile and Clothing Industry***
Lutz Walter (Euratex)

17.20 ***Textile machinery: partner of choice in the innovation process of the textile industry***
Paolo Banfi (Acimit)

17.45 ***The need for a responsible development of emerging technologies***
Andrea Porcari (Airi/Nanotec IT)

18.10 Poster session

2° DAY, NOVEMBER 22nd, 2007

Nanofibres, nanoadditives and surface treatments
Chair. Bruno Marcandalli (Stazione Sperimentale della Seta)

9.00 ***Study on photocatalytic materials to be applied for air purification***
Solitario Nesti / Leopoldo Corsi (Tecnotessile)

9.25 ***Surface modification of polymeric nanofibres***
Chiara Bertarelli (Politecnico di Milano)

9.50 ***Plasma nanotechnologies for industrial applications***
Riccardo D'Agostino (Plasma Solution/Univ. Bari)

10.15 ***Applications of TiO2 , CoFe2O4 and ZrO2 based nanomaterials on textiles: experimental results***
Stefano G. Carnevale (Technores)

New horizons for textiles in housing
Chair. Marco Parravicini (Parà)

9.00 ***A SWOT analysis for the apparel sector: scenarios and opportunities. New market examples: China and India***
Aldo Tempesti (TexClubTec)

9.25 ***Solar shieldings and energy saving***
Fabio Brivio (Assites)

9.50 ***Design as added value and tool for competition***
Dalia Gallico (ADI – Associazione Disegno Industriale)

10.15 ***New techniques, New materials: important issues in tomorrow's interior decoration***
Patrizia Gallani (Textirama – Decosit)

10.40-11.00 Coffe-break

Plenary session: An high level educational system to support industrial transformation
Chair. Elvio Mantovani (AIRI/Nanotec IT)

11.00 ***High level education in the textile and clothing sector in Italy and Europe***
Silvio Sicardi (Politecnico di Torino - Autex)

11.25 ***Which education for the innovative industry***
Claudio Gentili (Confindustria)

12.15 Round table: Traditional and technical textiles: Opportunities, synergies and perspectives

Chair. *Giuseppe Caravita (Nova - Il Sole 24 Ore)*

Partecipants:

Daniele De Rosa	***(Saati)***
Giulio Balossi	***(Tessitura Boselli)***
Ottavio Festa Bianchet	***(SMI-ATI)***
Andrea Parodi	***(TexClubTec)***

A simultaneous translation service will be available

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