

# **Future Events**

1. 7th Regional Forum for Innovation – Partnership for Development

12-16 January 2009, Łódź, Poland

#### Organiser:

EEDRI - The Entrepreneurship and Economic Development Research Institute

The forum was focused on discussing important issues connected with the Łódź region. The following sessions were held: 12.01.2009 Intellectual property -

simulation of innovative development

13.01.2009 Innovative environment

14.01.2009 Transfer of technologies 15.01.2009 The stuff of innovation

For more information please contact: e-mail: rkarolewska@swspiz.pl

# 2. Heimtextil Frankfurt

# 14 - 17 January 2009, Frankfurt am Main, Germany

International trade fair for home and contract textiles

## Contact:

www.targifrankfurt.eu www.messefrankfurt.com

3. Workshop on Progress in Bio- and Nanotechnology

12-14 February 2009, Łódź, Poland

# Organiser:

Technical University of Łódź

The Centre of Bio- and Nanotechnology's (CBNT) project is realised within the framework of the BioTechMed consortium, formed by local academic institutions in Lodz. The program will focus on three main research areas: energy, health and the environment, as recommended by the CBNT's International Advisory Board (IAB). The plenary sessions will be followed by specialised sessions which should demonstrate the research potential of the CBNT partners, with a special emphasis on cooperation with leading scientific centres in Poland and abroad.

For more information please contact: e-mail: cbnt@p.lodz.pl

4. 27th General Assembly of the Polish Textile Association and Seminar 'Science for Industry'

13 February 2009, Łódź, Poland

# Seminary moderators:

- Małgorzata Cieślak Ph.D. Scientific Secretary of the Textile Research Institute
- Katarzyna Grabowska Ph.D., D.Sc. -V-ce Dean of The Faculty of Material Technologies and Textile Design

Lectures concerning new scientific achivements, research problems and new product development were held by representatives of the Technical University of Łódź; Textile Research Institute, Łódź; Institute of Natural Fibres, Poznań; The Institute of Security Technology MORATEX and the POLMATEX-CENARO Research Centre. Association Representatives were chosen during the second part of the assembly. Prof. Witol Łuczyński Ph. D., Dsc. will remain as President of the Polish Textiles Association.

For more information please contact: Polish Textile Association General Menagement. Tel. 42 632 71 15; e-mail: swp.zg@wp.pl

5. Conference Experiments in the Inplementation of Regional **Innovative Strategies** 

21 February 2009, Łódź, Poland

#### Organiser:

Polish Agency of Enterprise Development, The Entrepreneurship and Economic Development Research Institute

#### Aim of the conference:

Presentation of Polish and foreign experience concerning the implementation of proinnovative regional policy. Presentation of Selection Criteria concerning the implementation of regional innovation strategy.

#### Contact:

http://www.eedri.pl

6. 12th Scientific Conference of the Faculty of Material Technologies and Textile Design of the Technical University of Łódź

# 6 March 2009, Łódź, Poland

Chairman of the Scientific Committee: Prof. Krzysztof Gniotek Ph. D., D.Ssc.

Chaorman of the Organising Committee: Prof. Krzysztof Kowalski, Ph. D., Dsc.

Secretary of the Conference: Joanna Elmrych-Bochenska Ph. D., Eng.

For more information please contact: e-mail: jboch@p.lodz.pl http://www.style.p.lodz.pl/12kw/wzor tekstu.doc

All Polish Scientific Conference: 'Fashion and Ethics in the Textile -Clothing Industry'

17 March 2009, Łódź, Poland

# Organisers:

- Faculty of Material Technologies and Textile Design of the Technical University of Łódź,
- Polish Humanitary Action

The Conference is sponsored by the European Union

# Scientific Committee: Chairperson:

Prof. Zofia Wysokińska Ph. D., D.Sc., Technical University of Łódź (TUŁ),

Department of World Economy and Marketing of Textiles

## Members:

- Prof. Iwona Frydrych, Ph. D., D.Sc., TUŁ Department of Clothing Technology
- Prof. Janina Witkowska Ph. D., D.Sc., University of Łódź, Department of World Economy and European Ĭntegration
- Prof. Włodzimierz Cygan, TUŁ, Institute of Textile Architecture
- Prof. Maria Pawłowa Ph. D. D.Sc., Technical University of Radom, Department of Footwear and Clothing Material Science

### Organising Committee: Chairpersons:

- Monika Malinowska-Olszowy Ph. D. -TUŁ
- Anna Paluszek M.Sc. Polish Humanitary Action

The scope of the conference will include the following presentations concerning the textile & clothin industry:

- Social responsibility of business and corporations
- Globalisation
- Working conditions and labour law
- Present situation
- Ethical aspects of design
- Eco-trends in design & business

#### Contact:

tel. /fax 042 631 33 01 e-mail: monika10@p.lodz.pl; anna.paluszek@pah.org.pl

# 8. 19th Student Seminar: 'Problems of Environmental Protection'

# 27 March 2009, Łódź, Poland

# Organiser:

Faculty of Process Engineering and Environmental Protection, University of

## Contact:

Magdalena Orczykowska Ph.D., tel. 631-37-36, fax. 636-92-51, e-mail: orczykow@wipos.p.lodz.pl http://wipos.p.lodz.pl/seminar/

# 9. 6th International Conference of the Textile Research Division

# 5 - 7 April 2009, Cairo, Egypt

The Textile Research Division (TRD) of the National Research Centre (NRC), Cairo, Egypt

#### Conference themes Fields to be covered include:

- Fibre Science and Technology Textile Production & Product Quality
- Smart Textiles Innovative Fibre & Nonwoven Technologies
- Innovative Technological Developments in Textile Machinery
- Textile Pre-treatments Textile Colouration
- Functional Finishes Medical Textiles
- Novel Polymer Finishes for Advanced Textiles

- Application of Bio, Nano and/or Information Technologies in Textiles
- Eco-friendly Textile Processes and Products
- Innovative Technology for High Performance Textiles
- Technical Textiles Garment Wet
- Processing Apparel & Fashion Design Innovative Textile Auxiliaries
- **Textile Care Developments**
- Textile Economics and Marketing -Multidisciplinary Arabic Session

# For more information please contact: E-mail: conf@trd-egypt.org Web-site: www.trd-egypt.org

# 10. AUTEX 2009 Scientific Conference

# 26-28 May 2009, Izmir, Turkey

Ege University, Engineering Faculty, Department of Textile Engineering

The Conference comprises a platform for academics, researchers and engineers in all textile areas to meet, exchange ideas, and establish professional networks.

### Further Information:

E. Perrin Akçakoca Kumbasar - General Secretary

Phone & Fax :+90 232 339 92 22 GSM: +90 534 897 75 98 E-mail: autex2009@mail.ege.edu.tr perrin.akcakoca@ege.edu.tr www.autex2009.com

# 11. International Conference: 'Progress in the Processing of Polymer Materials. Selected Problems'

# 27 May 2009, Kielce, Poland

# Organiser:

Institute of Polymer Materials and Dyestuffs Engineering, Toruń, Poland

# Scope:

- Basic polymer materials and their processing
- Property modification of polymer materials, dyeing, and dyestuffs Manufacturing of selected product
- Progress in machines and equipment for the processing of polymer materials

Tel. 056/659-84-22÷23 Fax: 056/650-03-33

email: d.skowronska@impib.pl

# 12. InnovaTex 2009 - International Scientific - Technical Conference: "Prospects for Development Techniques and Architecture of Textile"

# 1-2 June 2009, Łódź, Poland

# Organisers:

- Technical University of Łódź, Institute of Architecture of Textile (IAT);
- Marshal's Office of the Łódź Voivodship (UMWŁ);
- Polish Textile Association (SWP);
- Chamber of International Economic and Scientific Cooperation (IMWGiN)

- Łódź International Fair
- KIM Polish Chamber of Fashion

# **Conference topics:**

- Innovative design in the textile industry,
- Architecture of Textile,
- Environmental protection in textile technologies,
- Human friendly textiles,
- Textiles in medicine, biology, bulding engineering,
- Aeronavigation, transport and defence,
- Composites,
- Textile conservation,

The conference is accompanied by the following:

- international competition of clothing designers - 'The Golden Thread 2009' (29 May 2009)
- Innovative Fair (1 2 June 2009)
- Fashion Week (29 Maj 6 June 2009)

# Honorary Chairman:

Prof. Janusz Szosland, Ph.D., D.Sc. Eng. (IAT)

# Scientific Committee:

#### Chairman:

Prof. Józef Masajtis, Ph.D., D.Sc. Eng. (IAT)

# Members:

- Elżbieta Hibner, Ph. D. Eng., (UMWŁ),
- Prof. Witold Łuczyński, (SWP)
- Prof. Edward Rybicki, Ph.D., D.Sc. Eng, (IAT),
- Prof. Marek Snycerski, Ph.D., D.Sc. Eng. (IAT)

Chairman of the organising committee: Janusz Gołygowski, Mg Sc. (IMWGiN)

# Main themes of the Fair:

- Machines and equipment of the clothing industry,
- Products of the textile and clothing industries,
- Protective clothing,
- New technologies,
- Environmental protection.

#### For more innformation please contact: IAT

Tel. +48 42 631 33 50 e-mail: innovatex.info@p.lodz.pl

# 13. 4th ECPO International Scientific Conference 'Performance and Protection'

# 10-12 June 2009, Papendal, near Arnhem, The Netherlands

# Organisers:

- Nordic Coordination Group on
- Protective Clothing (TNO)

  European Society of Protectice (ESPC)

# **Topics:**

- Clothing Materials New functional materials Impact protection CBRN protection
  Heat and flame protection Smart textiles
- Clothing Systems Ballistic protective Systems CBRN Protective Systems Clothing and integrated sensors Clothing comfort
- Test Methods Materials testing

Whole systems tests

Field trials

Standarisation – technical requirements Selection, Use, Care and Maintenance

Product Chain

Functional requirements User feedback

Logistics

Open innovation – input from other sectors

Contact:

e-mail: ecpc@tno.nl

# 14. Techtextil 2009

# 16 - 18 June 2009, Frankfurt am Main, Germany

### The Techtextil fringe program

#### ■ TECHTEXTIL-SYMPOSIUM

The Techtextil-Symposium is designed to make existing trends visible and to promote new developments, i.e., to transfer new developments from research to production

# AVANTEX-SYMPOSIUM

The symposium offers a wide range of interesting and innovative lectures and presentations for suppliers, users and experts from the entire textile and clothing industry

■ TECHTEXTIL INNOVATION PRIZE The Techtextil Innovation Prize is announced in association with the trade fair which is held in June

#### AVANTEX INNOVATION PRIZE

The Avantex Innovation Prize is announced in association with the Techtextil trade fair which is held in June.

## STUDENT COMPETITION

The international associations TensiNet and Techtextil - International Trade Fair for Technical Textiles and Nonwovens are holding the Ninth Student Competition of "Textile Structures for New Building."

# Contact:

www.targifrankfurt.com www.messefrankfurt.com www.techtextil.com

# 15. Discover Natural Fibres Congress 2009

# 16-18 June 2009, Frankfurt am Main, Germany

The congress is supported by the following associations which also form the Steering Committee

- Bremer Baumwollboerse, Germany
- German Linen Association, Germany
- ITMF, Switzerland
- IVGT, GermanyIWTO, Belgium

The Congress will be held in parallel with the Techtextil - International Trade Fair for Technical Textiles and Nonwovens, which is the leading trade fair worldwide in this sector, and our conference show:

- Material Vision
- Materials for Product Development, Design and Architecture

Lectures will be held on:

- Innovative function of textiles
- Mobility applications
- Construction applications

You will find further information about the International Year of Natural Fibres at www.naturalfibres2009.org

#### Contact:

Phone +49 69 75 75-58 55 Fax +49 69 75 75-67 04e-mail: textilefairs@messefrankfurt.com http://www.messefrankfurt.com/ naturalfibrescongress/en/

# 16. 19th IUPAC International Symposium 2009 on Ionic Polymerisation

### 26 - 31 July, 2009, Kraków, Poland

The Symposium is held in Honor of the 100th Anniversary of the birth of Michael Szwarc M.Sc. in Chemistry, Warsaw Technical University - 1932, Doctor Honoris Causa, Jagiellonian University - 2000.

# Organisers:

- The M. Szwarc Polymer Research Institute State University of New York ESF
- Centre of Molecular and Macromolecular Studies, Polish Academy of Sciences, Lodz, Poland
- Jagiellonian University, Krakow, Poland

# Under the auspices of:

- International Union of Pure and Applied Chemistry
- European Polymer Federation
- Polymer Section, Polish Chemical Society

### Chairman:

Prof. Stanislaw Penczek Ph.D., D.Sc. Centre of Molecular and Macromolecular Studies Polish Academy of Sciences, Łódź, Poland

Scope of the symposium

IP'09 is the 19th in a series of biannual symposia which began as the International Symposia on Cationic Polymerisation later merged with the Symposia on Anionic Polymerisation and Ring-Opening Polymerisation. IP'09 will address contemporary research, both fundamental and applied, in the areas of anionic, cationic, and ring opening polymerisations. Papers related to other techniques of living/controlled polymerisation are welcome in so far as they broaden the scope of ionic polymerisations. The Symposium will also incorporate a limited number of contributions on the properties and analysis of materials prepared by techniques of controlled polymerisation.

## Contact:

Polish Academy of Sciences e-mail: ip09@bilbo.cbmm.lodz.pl Phone: +48-42-68 19 815 or 68 03 219

Faculty of Chemistry, Jagiellonian University

e-mail: karewicz@chemia.uj.edu.pl Phone: +48-12 663 2250 or 663 2220 http://www.ip09.cbmm.lodz.pl/

# 17. 10th All-Polish Scientific Conference: 'Progress in Bioreactor Engineering'

# 2-4 September 2009, Łódź, Poland

## Organiser:

Faculty of Process Engineering and Environmental Protection, Technical University of Łódź, Poland

http://wipos.p.lodz.pl/pib/

# 18. All-Polish Conference: 'Mechanical Operation of Process Engineering'

# 7-9 September 2009 Łódź-Słok, Poland

# Organiser:

Faculty of Process Engineering and Environmental Protection, Technical University of Łódź

#### Contact:

http://wipos.p.lodz.pl

# 19. 12th Polish Drying Symposium

# 14-16 September 2009, Łódź, Poland

# Organiser:

Faculty of Process Engineering and Environmental Protection, Technical University of Łódź, Poland

http://wipos.p.lodz.pl

# 20. 4th All-Polish Conference on Technic Reology

#### October 2009, Jachranka

#### Organiser:

Faculty of Process Engineering and Environment Protection, Technical University of Łódź

#### Contact:

http://wipos.p.lodz.pl

# 21. 10th International Scientific Conference Latest Trends in The Structure and Application of Ballistic Protective Barriers'

# 20 - 21 October 2009, Łódź, Poland

# Organiser:

'Moratex' Institute of Safety Technologies

# Co-organisers:

- Steel Institute, Moscow, Russia
- Centre for High Strength Materials 'ARMOCOM', Russia

# *Under the patronage of:*

- Ministry of Science and Higher Education
- Ministry of Internal Affairs and Administration
- President of the City of Łódź

# Scope:

- Soft and hard ballistic protection barriers
- Antistrike protective barrier
- New Generation Protective Clothing

# Scientific committee:

- Prof. W. Łuczyński Ph.D. D.Sc., Eng.
- Prof. J. Szosland Ph.D. D.Sc., Eng. Technical University of Łódź
- Prof. W. Grigorian, Steel Institute, Moscow
- Prof. E. Charczenko Centrum for High Strength Materials, Chotkowo
- Col. R. Kostrow Ph.D., Eng., Military Institute of Weaponry Technique

- Prof. Z. Bednarek Ph.D. D.Sc., Eng., Fire Protection
- Prof. J. H. Goch M.D., D.Sc., Medical University of Łódź E. Witczak Ph.D., Moratex
- M. Struszczyk Ph.D. D.Sc.Eng.,

For more information please contact; Iwona Dusio-Kraska, tel. +48 42 6374400, www.moratex.eu

# 22. Advances in Plastics Technology -APT'09 International Conference

### 3-5 November 2009, Katowice, Poland

## Organiser:

Institute of Polymer Materials Engineering, as well as the Paint Dyes & Plastics Department in Gliwice

## Scope of the conference:

Novelties in raw materials for plastics, machines and equipment for processing polymer materials and environmental protection

#### Contact:

Phone: +48-32 2319043, +48-32 2319041 e-mail: a.pajak@impib.pl

23. Seminars organised in 2009 at the Institute of Biopolymers and Chemical Fibres (IBWCh), Łódź, Poland

# 13 February 2009

Application of non-woven and films in gardening

P. Siwek, (Agriculture University of Cracow)

# 26 March 2009

Enzymatic and peroxy multistage bleaching of de-inked waste paper pulp E. Kopania

# 16 April 2009

Testing methods of transportation packaging

E. Baranek, U. Janiga, G. Nowacka

# 21 May 2009

Purification of effluents from paper mills by means of hydrogen peroxide M. Janiga

# 4 Juni 2009

The Best Available Technique (BAT) as an instrument for limiting the influence of industry on the environment. The role of the BREF documents

M. Michniewicz

# 24 September 2009

Research on the preparation of PLA fibres with the utilisation of postreaction masses

K. Grzebieniak, W. Stęplewski, N. Polka,

# 15 October 2009

Synthesis of biodegradable aliphaticaromatic copolyesters designed for meltblowing

S. Dutkiewicz, Z. Młodzikowski, T. Fiszer

19 November 2009

Production methods from preparing non flammable cellulosic fibres

W. Stęplewski

# 17 December 2009 Cellulosic fibres modified with plant proteins

D. Wawro

24. Seminars organised in 2009 at the Moratex Institute of Security Technology. Łódź. Poland

# 30 January 2009

**Biostatic Protection of New Generation** R Sornek

### 19 March 2009

Evaluation of the yearly activity of the supervision department regarding a product dedicated to deffence and cuntry sufferty

H. Dziśnieński, K. Czerwiński

Design of the Standard prEN ISO 14876-1 "Protective clothing – Body Armor"

R. Romek

# 16 April 2009

Investigation into the development of layer materials or layer assemblies dedicated to the new generation of concealing clothing

S. Tarkowska et all

# Hydrophobic-hydrophilic finishing of textile products

M. Olejnik A. Bartczak

# 14 May 2009

Non-ballistic textile materials applied in halistic

I. Kucińska, E. Witczak, J. Polak

Requirements concerning the technical specification of products devoted to the defence and safety of the state.

E. Solińska

# 24 Juni 2009

Recycling of ballistic multilayer polyester waste. Part II.

I. Kucińska, E. Witczak,

# 17 September 2009

Requirements concerning the preparation of technique-technological specifications which anable to identify individual protection means

J. Wawrzyniak

# 15 October 2009

Individual ballistic protection with incorporated nanoadditives.

J. Polak, I. Kucińska

# **Textile products in environmental** protection.

H. Małolepszy

# 19 November 2009

Resistence of ballistic products against splinters

G. Grabowska, J. Błaszczyk

# 10 December 2009

Promotion of "MORATEX" products in 2009

# 10th International Scientific Conference

# 'Latest trends in the structure and application of ballistic protective barriers'

20 - 21 October 2009, Łódź, Poland

Organiser: MORATEX Institute of Safety Technologies

#### Co-organisers:

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- Centre for high strength materials 'ARMOCOM' Russia

# Under the patronage of:

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- Soft and hard ballistic protection barriers
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- E. Witczak Ph.D., Moratex
- M. Struszczyk Ph.D., D.Sc. Eng., Moratex

# For more information please contact

Iwona-Dusio Kraska, tel. +48 42 6374400, www moratex eu



# Institute of Biopolymers and Chemical Fibres Instytut Biopolimerów i Włókien Chemicznych IBWCh

According to earlier consolidation processes, the **Institute of Pulp and Paper Manufacture (ICP)** was on July 1<sup>st</sup> 2007 included into the **Institute of Biopolymers and Chemical Fibres (IBWCh)** by the order of the Polish Ministry of Economy of June 5<sup>th</sup> 2007. **Director of the Institute:** Danuta Ciechańska Ph.D., Eng.

The research subject of IBWCH is conducting scientific and development research, as well as implementing their results into praxis in the following fields:

- processing, modifying, and application of biopolymers,
- techniques and technologies of manufacturing, processing, and application of chemical fibres and other polymer materials and related products,
- techniques and technologies connected with manufacturing, processing and application of products of the pulp and paper industry and related branches

**R&D** activity includes the following positions, among others:

- biopolymers modifying and processing,
- functional, thermoplastic polymers,
- biodegradable polymers and products from recovered wastes,
- industrial biotechnology, e.g. bioprocesses for modifying and processing polymers and fibres, and biosyntheses of nano-biomaterial polymers,
- biomaterials for medicine, agriculture, and technique,
- nano-technologies, e.g. nano-fibres, polymer nano-coatings, nano-additives for fibres.
- processing of polymer materials into fibres, films, micro-, and nano- fibrous forms, and nonwovens,
- paper techniques, new raw material sources for manufacturing paper pulps,
- environmental protection,

The Institute is active in inplementig its works in the textile industry, medicine, agriculture, plastic processing, filter and packing materials manufacturing, as well as in the cellulose and paper industries.

The Institute is equipped with unique technological apparatuses and equipment. An outstanding example is the technological line for fibre spinning by the wet method which enables cellulose, chitosan, alginate, starch, and composite fibres to be spun.

The Institute is member of domestic and international scientific organisations, the following, among others: EPNOE - European Network of Excellence, Polish Technological Platform of the Textile Industry, European Technological Platform of the Textile & Clothing Industries, 'Pro Humano Tex' Consortium, Centre of Advanced Textile Technologies Friendly for Human Beings, ENVITECH-Net - 'Technologies of Environmental Protection' Int. Scientific Network, 'Biodegradable Polymers from Renewable Resources' - Int. Scientific Network. Polish Scientific Network for 'Nano-technologies in Textile Science and Praxis.

The Institute organises educational courses and workshops in fields related to its activity.

The Institute's offer of specific services is wide and differentiated, and includes:

- physical, chemical and biochemical investigations of biopolymers and synthetic polymers,
- physical, including mechanical investigation of fibres, threads, textiles, and medical products,
- tests of antibacterial and antifungal activity of fibres and textiles,
- investigation in biodegradation,
- investigation of morphological structures by SEM and ESEM,
- investigation and quality estimation of fibrous pulps, card boards, and paper products, including paper dedicated to contact with food, UE 94/62/EC tests, among others.
- Certification of paper products.

The Institute is active in international cooperation with a number of corporation, associations, universities, research & development institutes and centres, and companies.

The Institute is publisher of the scientific journal 'Fibres and Textiles in Eastern Europe'; the journal is since 1999 on the 'Philadelphia List' of the Institute for Scientific Information.

Instytut Biopolimerów i Włókien Chemicznych (IBWCh)

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E-mail: ibwch@ibwch.lodz.pl http://www.ibwch.lodz.pl