

FUTURE EVENTS

1. Heimtextil

12-15 January 2016, Frankfurt am Main, Germany

International trade fair for home and contract textiles, held early in the year, in January. Heimtextil is the annual starting point for manufacturers and trade visitors from all over the world – and a foremost global-orientation event.

For further information:

<http://www.heimtextil.messefrankfurt.com>

2. 9th International Conference on Bio-based Materials

5-6 April 2016, Maternushaus, Cologne, Germany

Special Topics:

- Lignin
- Polyhydroxyalkanoates (PHA)
- Innovations

Session highlights of the conference:

- New policy and markets
- New biomass utilisation pathway beyond drop-ins
- New building blocks and polymers
- Polyhydroxyalkanoates (PHA)
- Lignin
- Cellulose fibres

This conference aims to provide international major players from the bio-based building block, polymer and industrial biotechnology industries with an opportunity to present and discuss their latest developments and strategies. Representatives of political bodies and associations will also have their say alongside leading companies. The 9th International Conference on Bio-based Materials builds on successful previous conferences. 250 participants and 30 exhibitors, mainly from industry, are expected!

Organiser:

*nova-Institut GmbH
Dominik Vogt
nova-Institut GmbH
Chemiepark Knapsack
Industriestr. 300*

Contact:

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dominik.vogt@nova-institut.de
florence.aeschelmann@nova-institut.de*

For more information:

<http://www.biowerkstoff-kongress.de>

3. The 90th Textile Institute World Conference

25-28 April 2016, Poznań, Poland

Main Topics:

- Innovation for natural fibres
- Environmentally friendly polymer materials for textile application
- Sustainable textile technologies, including recycling
- Modelling and simulation of textile products
- Functional textiles, including sport,

- protective, cosmetic and smart textiles
- Medical textiles
- Dyeing and finishing technologies
- Technical textiles and composites
- Design, fashion and retail
- Textile factory of the future
- Education and training

Organiser:

Institute of Natural Fibres and Medicinal Plants

Conference Chair:

Assoc. Prof. Małgorzata Zimmiewska, Institute of Natural Fibres & Medicinal Plants, Poland

Programme Committee:

- *Prof. Izabella Krucinska Ph.D., D.Sc. Eng., Lodz University of Technology, Poland - Chairperson of the Programme Committee*
- *Members: 8 notable Polish scientists*
See page 147.

Organising Committee:

see page 147

International Advisory Committee:

26 notable international scientists
see page 146.

For further information:

<http://www.tiworldconference.org>
See also cover II and pages 145.

4. 15th International Triennial of Tapestry, Łódź, 2016

9 May – 30 October, Łódź, Poland

Opening ceremony 9 May 2016, 1:00 p.m.

Organiser:

Central Museum of Textiles, Łódź, Poland

The 15th edition of the International Triennial is traditionally associated with the 13th Polish Exhibition of Tapestry, and the 11th Polish Exhibition of Miniature Textiles – both organised by the Central Museum of Textiles in Łódź. In January 2016, a separate jury selected 101 works of Polish artists for a miniature exhibition and 77 works for an exhibition of bigger format.

The fourth related exhibition, which will take place at our museum in May 2016, is the 2nd edition of the Young Textile Art Triennial – YTAT, organised in cooperation with the Strzemiński Academy of Art in Łódź, the Department of Textiles.

Contact:

<http://www.muzeumwlokiennictwa.pl>

For more information please see page 153.

5. 11th National Exhibition of Polish Miniature Textiles, Łódź 2016

9 May – 28 August 2016, Łódź, Poland

Organiser:

Central Museum of Textiles, Łódź, Poland

Contact:

<http://www.muzeumwlokiennictwa.pl>

**6. 13th National Exhibition of Polish Tapes-
try, Łódź 2016**

9 May – 9 October 2016, Łódź, Poland

Organiser:

Central Museum of Textiles, Łódź, Poland

Contact:

<http://www.muzeumwlokiennictwa.pl>

**7. International Triennial of the Youth YTAT
Łódź 2016**

9 May 2016, Łódź, Poland

Organiser:

Central Museum of Textiles, Łódź, Poland

Contact:

<http://www.muzeumwlokiennictwa.pl>

8. 10th Baltic Minitextil Gdynia 2016

11 March-8 May 2016, Gdynia, Poland

Organiser:

Museum of Gdynia City, Poland

Contact:

<http://www.muzeumwlokiennictwa.pl>

**9. 16th National Student Seminar
TEXTIL 2016 'On the Traces of Fashion
in the University'**

21 April 2016, Łódź, Poland

Organiser:

Faculty of Material Technologies and Textile Design, Lodz University of Technology, Poland

Contact & further information:

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Maria Kwiatkowska

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**10. 9th Scientific –Technical 'Carbon Materials
and Polymer Composites' – advantages in
manufacturing, testing and application**

20-22 April 2016, Ustroń Jaszowiec,
Poland

Organiser:

- Polish Carbon Association,
- Institute for Polymer Materials and Dye Engineering,
- Carbon Section of the Association of Polish Engineers and Technicians of the Chemical Industry,

The aim of the conference is the presentation of actual research results and trends for further development prospects in manufacturing, investigation and application of carbon materials and their polymer composites. The goal of the organisers is the creation of a forum for exchanging ideas and experience and increasing integration between the scientific community and industry.

For more information:

<http://konferencjaptw.pl/>

**11. 7th European Conference on Protective
Clothing"**

23-25 May 2016 in Çeşme, Izmir, Turkey

The conference is intended for researchers, designers, manufacturers, purchasers, experts in health and safety, end-users, public authorities and legislators. It will give an opportunity to share know-how as well as for dissemination and improving knowledge of protective clothing.

Topics in the area of protective clothing, gloves and footwear:

- New products and technologies
- Intelligent materials and wearable technologies
- Nanotechnology in protective clothing
- New test methods, assessment criteria and standardisation
- Physiological and ergonomic issues
- Modelling of protective clothing performance
- Selection, safe use and maintenance of protective clothing
- Influence of usage conditions on performance and service life
- Protective workwear

Organiser:

Dokuz Eylul University Textile Engineering Department in association with the European Society of Protective Clothing.

Scientific Secretariat:

Dokuz Eylul University Textile Engineering Department
Tinaztepe Campus, Buca
35397 İZMİR / TURKEY
e-mail: ecpc16@gmail.com
Web: www.ecpc2016.com

**12. Pomerania - Plast 2016 Conference
'Polymer Materials'**

7-10 June, Międzyzdroje, Poland

Organisers:

Institute of Polymers, Faculty of Chemical Technology and Engineering

Chairman of the Organising Committee

Prof. Tadeusz Spychaj Ph.D., D.Sc., Eng.

Scope of the Conference

- Polymer composites and compositions
- Polymer composites and nanocomposites
- New polymer materials (thermoplastic, elastomeric, chemo-and thermoreactive)
- Coating materials and glues
- Modifiers and auxiliary agents
- Polymers and the environment
- Biodegradable polymers
- Polymeric biomaterials
- Polymers and resins in water systems
- Recycling of polymer materials

Invited Lectures (selected)

- Prof. Ewa Andrzejewska, Ph.D., D.Sc., Eng.
- Tadeusz Biela, Ph.D., D.Sc., Assoc. Prof.
- Prof. Andrzej K. Błędzki Ph.D., D.Sc., Eng.
- Prof. Zbigniew Florjańczyk Ph.D., D.Sc., Eng.

- Prof. Teofil Jesionowski Ph.D., D.Sc., Eng.
- Prof. Henryk Galina Ph.D., D.Sc., Eng.
- Prof. Jacek Kijęski Ph.D., D.Sc., Eng.
- Piotr Kurcok, Ph.D., D.Sc., Assoc. Prof.
- Paweł Parzuchowski, Ph.D., D.Sc., Assoc. Prof.
- Prof. Stanisław Penczek, Ph.D., D.Sc.
- Prof. Jacek Pięglowski, Ph.D., D.Sc., Eng.
- Aleksander Prociak, Ph.D., D.Sc., Assoc. Prof.
- Prof. Marian Żenkiewicz, Ph.D., D.Sc., Eng.

For more information please contact:

Institute of Polymers
70-322 Szczecin, ul. Pułaskiego 10
dr inż. Jolanta Janik
mgr Małgorzata Spodniewska
tel. (091) 449 48 35
tel/fax (091) 449 42 47
www.pomeraniplast.edu.pl
e-mail: pomeraniplast@zut.edu.pl

**13. 16th Autex World Textile Conference,
AUTEX 2016**

8-10 June 2016, Ljubljana, Slovenia

Conference topics:

- Advanced Textile Fibres and Materials
- Mechanical Textile Technologies and Clothing Production
- Chemical Textile Technologies and Textile Care
- Textile and Clothing Design
- Textile Testing, Clothing Comfort and Quality Control
- Smart, Functional and Interactive Textiles
- Technical Textiles and Composites
- Textile Ecology, Economy and Management
- Textile Education

Organiser:

University of Ljubljana,
Faculty of Natural Sciences and Engineering,
Department of Textiles,
Graphic Arts and Design

Chairperson of the Scientific Committee:

Barbara Simončič.

Chair of the Organising Committee:

Andrej Demšar

For more information,

please contact us at the following e-mail
autex2016@ntf.uni-lj.si

**14. 24th International IFATCC Congress
'Tradition and High-Tech Development –
Keys to the Textile Market'**

13-16 June 2016, Pardubice,
Czech Republic

Main congress organiser:

STCHK (Czech Society of Textile Chemists
and Colorists)

The congress is organized under the patronage of Czech Republic's Prime Minister Mr Bohuslav Sobotka

Main topics of the congress:

- Emerging technologies as a challenging tool for textile innovations
- Bio-based materials and technologies
- Renewable natural resources
- Multi-functional textiles
- Nano-based materials and technologies
- Textile surface treatment
- Digital printing/digital jet processing
- Advanced dyes and dyeing methods
- Advanced fibres
- Ecology and environment/green textile technologies
- Testing, physical and chemical analysis of textiles and textile processes
- Regulatory issues and limitations

President of IFATCC/STCHK

Jan Marek,

Chairman of the Congress Organizing Committee

František Janák,

You can see more about the Congress at:
<http://ifatcc2016-pardubice.upce.cz/>

15. 14th International Open Air Art "Willow in the Arboretum"

4-17 July 2016, Przemyśl, Poland

Organiser:

Arboretum and Institute of Physiography in Bolestraszyce, Przemyśl

Contact:

<http://www.muzeumwlokiennictwa.pl>

16. 9th 'Z krosna do Krosna' International Artistic Linen Cloth Biennial – premiere of the exhibition

19 August – 9 September 2016, Krosno, Poland

Organiser

Artistic Exhibition Office in Krosno

Contact:

<http://www.muzeumwlokiennictwa.pl>

17. 43th International Creative Workshop - Kowary'16

12 – 25 September 2016, Wrocław, Kowary, Poland

Organiser:

- Artistic Weaving Gallery 'Na Jatkach', Wrocław
- Artistic Gallery 'Przedwiośnie', Kowary

Contact:

<http://www.muzeumwlokiennictwa.pl>

18. BIODETERIORATION AND PROTECTION OF CULTURAL HERITAGE

8-9 September, 2016 Łódź, Poland

Topics:

- Biodeterioration of historical buildings, monuments, frescos & wall paintings
- Biodeterioration of archival documents, paper and photos
- Biodeterioration of historical textiles
- Biodeterioration of historical wood
- Biodeterioration of historical objects

- stored underwater
- Methods of investigation
- Protection, disinfection and conservation methods

Scientific Committee

- **Beata Gutarowska**, Lodz University of Technology, Poland
- **John Gillatt**, International Biodeterioration and Biodegradation Society
- **Christine Gaylarde**, University of Oklahoma, USA
- **Flavia Pinzari**, Ministero per i Beni e le Attività Culturali, Istituto Centrale per il Restauro e la Conservazione del Patrimonio Archivistico e Librario (ICRCPAL), Italy
- **Kalle Pilt**, Thünen Institute of Wood Research, Germany
- **Brenda Little**, Stennis Space Center, USA
- **Thomas Warscheid**, Carl von Ossietzky Univeritdt Oldenburg, Germany
- **Katja Sterflinger**, University of Natural Resources and Life Science, Vienna, Austria

Organiser:

Lodz University of Technology, Faculty of Biotechnology and Food Sciences, Institute of Fermentation Technology and Microbiology, Lodz

Organizing Committee

Beata Gutarowska, Alina Kunicka-Styczyńska, Justyna Adamiak, Hubert Antolak, Agata Czyżowska, Tomasz Goździcki, Aleksandra Kemon, Anna Koziróg, Katarzyna Matusiak, Marzena Michalak, Anna Otlewska, Katarzyna Pietrzak, Małgorzata Piotrowska, Katarzyna Rajkowska, Justyna Skóra, Agnieszka Tyfa, Julia Zabielska (All TUL), Agnieszka Laudy (Museum of King Jan II's Palace AT Wilanów)

For more information:

www.biodeterioration2016.p.lodz.pl
e-mail: biodeterioration2016@info.p.lodz.pl
see also cover III

19. The 8th International Textile, Clothing & Design Conference: The Magic World of Textiles

2-5 October 2016, Dubrovnik, Croatia

The Conference is planned to deal with the following research fields:

- textile fibres and advanced materials
- manufacture of yarns, fabrics and non-wovens
- textile finishing, dyeing and care
- clothing technologies and engineering
- analysis, testing and quality control
- design and marketing of textile and clothing
- environment protection, ecology and energy management

International Scientific/Programme Committee

- **President:** Sandra BISCHOF, University of Zagreb, Zagreb, Croatia
- **Organizing Committee of ITC&DC 2016 (Team)**

Zvonko Dragčević – President, Nikola Vuljanić - Vice-president, Anica Hursa Šajatović, Bojan Mauser, Marijana Pavunc Samaržija, Tanja Pušić, Bosiljka Šaravanja, Ivana Špelić, Edita Vujasinović

Address for correspondence and other information about 8th ITC&DC 2016:

Prof. Zvonko Dragčević, Ph. D.
University of Zagreb
Faculty of Textile Technology
Prilaz baruna Filipovića 28a
HR-10 000 Zagreb, Croatia
Phone: +385 1 37 12 542
E-mail: zvonko.dragcevic@ttf.hr
URL: <http://itcdc.ttf.unizg.hr>

20. Innovatex 2016 Conference on the Technical and Special Purpose of Textiles

12-13 October 2016, Łódź, Poland

Chair of the Scientific Committee

Prof. Józef Masajtis, Ph.D., D.Sc. Eng.

Innovatex is one of the biggest events dedicated to the textile industry and will be held in Łódź, Poland

Oral and poster sessions will be held. The papers will be divided into 6 thematic sessions:

- the **MEDTEX** session - everyday protection, improving the quality of everyday life,
- medical and hygienic textiles, rehabilitation and recreational textiles
- the **PROTETEX** session – protection of life and health in the working environment textile, solutions for personal protection, textiles for the protection of the working environment
- the **BUDTEX** session – healthy home, textiles for the construction industry and interior decoration
- the **GEOTTEX** session – safe transportation, textiles for means of transport, geotextiles, textiles for road protection
- the **AGROTEX** session – healthy food, clear water and air, textiles for the protection of plants and animals, textiles for the protection of the natural environment
- the **TECHTEX** session – innovative technical textiles, textiles for composites, the footwear and leather industry and for special applications

For more information:

Secretary of the Conference InnovaTex 2016
Marcin Barburski, Ph.D., D.Sc., Eng.
tel: +48-42-631-33-33
e-mail: innovatex@info.p.lodz.pl

21. International scientific and practical symposium "Progressive technologies and equipment in textile production"

September-October, 2016, Vitebsk, Belarus

Organizer

EE «Vitebsk State Technological University»
+375 (212) 47-02-29
+375 (212) 47-74-01
vstu@vitebsk.by

Representatives are invited from leading European firms, such as “Rieter”, “Uster Technologies” (Switzerland), “Savio” (Italy), “Picanol” (Belgium) whose equipment is installed in the majority of Belarusian enterprises, as well as from other companies who are leaders in textile equipment, to participate in the symposium.

22. International scientific and technical conference “Technical, ecological, economic and marketing issues of waste recycling of textile and light industry”

November, 2016, Vitebsk, Belarus

Organizer

EE «Vitebsk State Technological University»
+375 (212) 47-02-29
+375 (212) 47-74-01
vstu@vitebsk.by

Detailed description and informational letter will be available on <http://nic.vstu.by/events/>

23. 12th International Scientific – Technical conference for paints entitled, *Advances in Coatings technology ACT'16'*

8-10 November 2016, Expo Silesia, Sosnowiec, Poland

The ACT Conference is an established event, which was launched in 1995, and has continued to take place every two years. Focusing on the latest topics and developments concerning paint technology, the conference is designed to increase dialogue among central, eastern and western European paint specialists.

The ACT '16 Conference will be held in an Exhibition Centre in Sosnowiec which is located very close to Katowice. During the last ACT '14 event held in Sosnowiec, about 120 delegates from 15 countries participated in the Conference.

Topics

Raw Material Evolutions

- Binders: resins, new polymer syntheses for coatings, organic – inorganic hybrid materials, biopolymers, intelligent polymers
- Novel pigments and aspects of colour: functional pigments, anti-corrosive pigments, specialty and high performance pigments
- Extenders and functional extenders
- Novel additives: functional additives, agents and modifiers, biocides
- Solvents

Advanced Technologies

Waterborne coatings, high-solids, powder coatings, radiation cured coatings (UV/EB), functional coatings: anti-fouling & anti-corrosive coatings, “smart coatings”: hygienic coatings, nanostructured coatings,

self-cleaning coatings, anti-graffiti coatings, bio-based coatings, microbiology of coatings

Applications

- Coating Application Methods
- Analysis and Testing
- Equipment
- Ecology, legislation
- Market trends

among others

For further information, please contact:

Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department

Ms Anna PAJAK – Chairperson of ACT '16 Organising Committee

ul. Chorzowska 50A, PL 44-100 Gliwice, Poland

Tel.: +48 (32) 231 9043;

24. 7th International Conference of Applied Research on Textiles, CIRAT-7

10-12 November 2016 Hammamet, Tunisia

CIRAT-7, jointly organised by the Laboratory of Textile Engineering (LGTex, Ksar Hellal, Tunisia) and the Tunisian Association of Textile Researchers (ATCTex, Ksar Hellal, Tunisia), will bring worldwide researchers from academic and industrial fields to share and discuss the latest scientific concepts and technological developments in textiles. It also intends to promote the sharing of ideas and emerging technologies, as well as to foster research and development collaborations amongst academia, research institutions and relevant industries.

Topics:

- Fibres and polymers
- Technical, functional, protective and smart textiles
- Textile manufacturing: spinning, weaving, knitting, non-woven
- Composite materials / Bio and nanocomposites
- Textile dyeing, finishing and digital printing
- Nanotechnology in textiles
- Sustainability in textiles
- Clothing technologies
- Textile design, fashion and management
- Comfort, well-being and heat transfer
- Medical and healthcare textiles

For more information:

<http://atctex.org/cirat/>

25. Aachen-Dresden-Denkendorf International Textile Conference 2016

24-25 November 2016, Dresden, Germany

Starting in 2016, the German Institutes of Textile and Fiber Research, Denkendorf (DITF) will also be a co-organiser. The third co-organizer is the DWI - Leibniz Institute for Interactive Materials from Aachen.

Partner Countries:

Austria & Switzerland

Experts from the fields of **Material, Chemistry, Finishing & Functionalization** as well as **Machines, Processes & Composites** will conduct plenary sessions and special symposia regarding

Fiber-reinforced composite materials

- High-performance materials
- Textile 2D and 3D constructions
- Textile machine modifications, construction of special machinery
- Textile production technologies and pre-forming
- Modelling and simulation
- Automated composite component manufacture
- Applications (vehicular engineering, automotive, wind power plants, aeronautics, ...)
- Waste reduction/material efficiency, and recycling

Protective and functional textiles

- New materials/membranes
- Sensors and actuators
- Personal and property protection
- Testing, standardisation, certification

Megatrends

- Electromobility, industry 4.0, health, architecture, environment

Polymer materials, and functionalisation of textile structures for fibre composite materials, safety textiles and megatrends

- Development and modification of polymers
- Functionalisation, finishing and coating
- Surface and interface design, breaking behaviour, characterisation

Transfer Session 'From Idea to Practice

- The presentation of innovations (e.g. products, technologies, processes) transferred to the industry from research co-operations, especially by IGF/ZIM.

Organizers:

- DWI - Leibniz Institute for Interactive Materials, Aachen
- Institute for Textile Machines and Techniques for High-Tech Textile Materials of the Technical University Dresden, ITM with its Friends and Promotion Society

in cooperation with:

- DTNW, German Centre for Textile Research Nord-West, Krefeld
- Faculty for Textile and Clothing Technique of the University Niederrhein, Mönchengladbach
- IfN, Institute for Sewing Technique, Aachen
- IPF, Leibniz Institute for Polymer Investigation, Dresden
- ITA, Institute for Textile Technique of the RWTH Technical University, Aachen
- ITMC, Institute for Technical and Macromolecular Chemistry of the RWTH Technical University Aachen
- STFI, Textile Research Institute of Saxony, Chemnitz
- TFI, German Research Institute for Geosystems, Aachen
- TITV, Thüringen-Vogtland Textil Research Institute, Greiz

For further information:

<http://www.aachen-dresden-denkendorf.de/itc/>

26. XIPS 2016 - 10th International Conference on X-Ray Investigations of Polymer Structure

6-9 December 2016, Ustroń, Poland

This interdisciplinary conference aims to bring scientists from chemistry, physics, mathematics and biology to discuss inherent structural properties of soft matter systems such as polymers, colloids, membranes, surfactants, biomaterials and their composites. The triennial XIPS conference provides a forum for discussions related to the present state of methods and achievements in structural investigations of polymers. The focus is to gain a thorough understanding structural properties of soft matter systems via scattering (X-ray, neutrons and light), X-ray imaging, infrared and nuclear magnetic resonance spectroscopy techniques. The conference will feature a wide range of topics, including:

- X-ray and neutron scattering techniques, X-ray imaging, and IR & NMR spectroscopy in studies of polymers and their composites, colloids, porous media, membranes, surfactants and biomaterials
- Development of methods and techniques in the X-ray studies of soft matter
- Software and databases for soft matter structure investigations
- Analysis of X-ray and neutron scattering data and modelling of material structure
- Morphology and thermal behaviour of polymer materials

Organiser:

University of Bielsko-Biala in cooperation with the Catholic University of Leuven, and is supported by the Polish Academy of Sciences, the Committee on Materials Science.

Organising Committee:

Chairman:

Stanisław Rabiej

International Advisory Board:

Chairman:

Harry Reynaers, Catholic University of Leuven, Belgium

Contact:

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fax. (+48 33) 82-79-100
www.xips.ath.bielsko.pl

27. Seminars organised in 2016 at the Institute of Biopolymers and Chemical Fibres, Łódź, Poland

The seminars will be held in the conference room at the Institute of Biopolymers and Chemical Fibres in Lodz at 11:00 a.m.

17 March 2016

Development of a method for obtaining 2D non-woven microstructures for medical applications from natural and synthetic polymers spun by the near-field electrospinning technique
Michał Kudra, MSc., Eng.

21 April 2016

Analysis of chitosan degradation products by GPC/SEC
Karolina Gzyra-Jagiela, MSc.

Investigation of methods for synthesis and purification of lactid
Dawid Chojnacki, MSc., Eng.

19 May 2016

Investigation and development of the degradation process of organic wastes using ionic solutions
Witold Madaj, MSc., Eng.

9 June 2016

Modelling the process of enzymatic esterification cellulose fibres in a non-water environment
Janusz Kazimierzczak, MSc., Eng.

15 September 2016

Polymer Composites composed of keratin fibres
Krzyszyna Wrześniewska-Tosik, Ph.D.

20 October 2016

Assessment of trace-count element contents by the AAS method using spectrophotometry with a continuous light source
Maciej Ciepliński, MSc., Eng.

20 November 2016

Biomaterials in medicine
Magdalena Kucharska, Ph.D., D.Sc., prof.

15 December 2016

Investigation on selecting neutralisation substances used in methods determining the activity of bactericidal agents
Krzyszyna Guzińska, MSc. Eng., Dorota Kaźmierczak, Ph.D.

28. Seminars organized in 2016 at the MORATEX Institute of Security Technologies, Łódź, Poland

27 January 2016

Technical specifications vs. technical documentation
J. Karkus

24 February 2016

Design of advanced haemostatic topical agents
M. H. Struszczyk

23 March 2016

Review of currently valid applicable standards for testing the ballistic resistance of bullet- and fragment-proof vests
M. Łandwajt

20 April 2016

Users' evaluation of selected items of Police uniforms
B. Kosińska, K. Czerwiński

18 May 2016

From idea to accreditation - presentation of the Chemical Research Laboratory
M. Miklas

'Design thinking' in the development of textiles applicable in the field of public security

M. H. Struszczyk

22 June 2016

A tool for modelling the ballistic resistance of fibrous composites - presentation of the research scope and a summary of the works carried out in 2015

A. Kucharska-Jastrzabek, M. Fejdyś, M. Łandwajt

21 September 2016

Energy-absorbing, anti-explosion panels - part II
W. Błaszczuk, I. Kucińska-Król, L. Madej-Kielbik

19 October 2016

A dressing kit for protecting injuries which may occur to officers of uniformed services, during their duties - a summary of the second stage of the project
L. Madej-Kielbik, I. Kucińska-Król, D. Zielińska, W. Błaszczuk

Guidelines from the conceptual phase (K) of the project entitled "The impact of chemical modification of carbon nanostructures on the electromagnetic properties of composite and hybrid materials", to be implemented at the R&D stage of the project

M. H. Struszczyk, G. Redlich, A. Kaczmarczyk, E. Obersztyn

23 November 2016

A new training uniform for the police - a summary of annual usage tests under real conditions
E. Obersztyn, G. Redlich

14 December 2016

Monitoring of physiological parameters
E. Maklewska

For more information

www.moratex.eu

FIBRES & TEXTILES
in Eastern Europe