

# Innovatex 2016 Conference on the Technical and Special Purpose of Textiles

12-13 October 2016, Łódź, Poland

**Chairman of the Scientific Committee, Prof. Józef Masajtis, Ph.D., D.Sc. Eng**

## **PLENARY LECTURES**

*M. H. Struszczyk "Textiles for special application - fashion, real need, specialization?" ITB 'MORATEX', Lodz, Poland*

*J. German "Textile composites from the Egyptians and the Israelites, through the XX century, formula one and dreamliner" CUT, Cracow, Poland*

## **PROETEX Session**

*I. Frydrych, Z. Stempień, A. Cichocka, J. Dominiak, P. Gilewicz, K. Gniotek, J. Leśnikowski "Protective clothing made with the use of aluminized basalt fabrics" TUL Lodz, Poland, CILP-NRI, Lodz, Poland*

*J. Dominiak, Z. Stempień "Numerical and experimental analysis of the resistance of soft ballistic packages consisting of biaxial and triaxial fabrics" TUL Lodz, Poland*

*E. Głabala, A. Stefko, "New regulation on personal protective equipment to be placed on the European Union market" CILP-NRI, Lodz, Poland*

*K. Łęzak, G. Bartkowiak, K. Majchrzycka, A. Brochocka "Application of the laboratory practical performance test to assess an individually designed concealable bullet-proof vest" CILP-NRI, Lodz, Poland*

*G. Bartkowiak, K. Łęzak, A. Greszta, "Assessment of ergonomic properties of protective clothing on the basis of laboratory tests" CILP-NRI, Lodz, Poland*

*G. Grabowska, J. Błaszczak, E. Maklewska, A. Pawłowska "Innovations in the 'secret' project" ITB 'MORATEX', Lodz, Poland*

## **BUDTEX Session**

*J. Szkudlarek "Sun shield systems – usage and special requirements for blackout curtains" TUL Lodz, Poland*

*M. Dalal, O. Goumairi, A. El Maliki "Study of concrete reinforcement with woven reinforcements" LRMT Casablanca, Maroc, LTCSI, EMSM, ENSEM, UH, Casablanca, Marocco*

*Z. Mikołajczyk, A. Prążyńska, "Multilayer, relief knitted fabrics as wallpapers with the function of moisture control" TUL Lodz, Poland*  
*Mohamed Dalal, Ouissal Goumairi, Anas El Maliki, "Numerical modeling dedicated to concrete structures encased in reinforced woven fabric" LRMT, ESITH, Casablanca, Marocco*

## **GEOTEX Session**

*J. Broda, A. Gawłowski, S. Przybyło, J. Grzybowska-Pietras, R. Laszczak, M. Rom "Application of textile wastes for the production of geotextiles designed for erosion protection of slopes and embankments" UB-B, Poland*

## **TECHTEX Session**

*M. Barbarski, J. Bots, A. Roselló, M. Dubin "Construction of a composite ladder with 3D shaped fabric" TUL Lodz, Poland*

*J. German "Micromechanical description of the strength of composite laminates", CUT, Cracow, Poland*

*W. Machnowski, H. Wrzosek "Changes in selected properties of flame resistant textiles during their use" TUL Lodz, Poland*

*K. Piekłak, Ł. Olejniczak, "Specific properties of 3d knitted spacer fabrics in the context of their use in automobile seat covers" TUL Lodz, Poland*

*W. Konczewicz, M. Zimniewska "Selection of process conditions for the extraction of bast fibres as a response to challenges in composite reinforcement" INF & MP, Poznan, Poland*

*M. Zimniewska, W. Konczewicz, A. Kicińska-Jakubowska "Hydrodynamic degumming of decorticated flax fibre" INF & MP, Poznan, Poland*

*A. Kurczewska, M. Słoma "Electrical textile paths using metal and graphene nanoparticles" CILP-NRI, Lodz, Poland, WUT Warsaw, Poland*

## **MEDTEX Session**

*M. Zimniewska, I. Krucińska, I. Frydrych, P. Mikołajczyk, K. Schmidt-Przewoźna, M. Pawlaczyk, A. Komisarczyk, A. Cichocka, M. Urbaniak, L. Herczyńska, S. Kowalska, B. Romanowska, M. Muzyczek "Functional natural fiber clothing for persons with dermatological diseases" INF & MP, Poznan, Poland, TUL Lodz, Poland, PUMS, Poznan, Poland, Marko-Kolor, Lodz, Poland*

*M. Kłonowska, A. Prążyńska, "Identification of selected construction characteristics and properties of knitted orthoses" TUL Lodz, Poland*

### **For more information:**

*Secretary of the Conference InnovaTex 2016*

*Marcin Barbarski, Ph.D., D.Sc., Eng.*

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