

## PROGRAMME

### 6<sup>th</sup> Central European Conference 2010

#### FIBRE-GRADE POLYMERS, CHEMICAL FIBRES AND SPECIAL TEXTILES

13 – 14. September 2010  
Bratislava, Slovak Republic

#### Monday, 13<sup>th</sup> September 2010

|                                   |                  |                                                                                                 |
|-----------------------------------|------------------|-------------------------------------------------------------------------------------------------|
| 8 <sup>00</sup> – 9 <sup>00</sup> | Registration     | Faculty of Chemical and Food Technology,<br>STU in Bratislava, Radlinského 9, 812 37 Bratislava |
| 9 <sup>00</sup> – 9 <sup>15</sup> | Opening ceremony |                                                                                                 |

#### SECTION I PLENARY LECTURES

**Chairman: Prof. Anton Marcinčin**

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| 9 <sup>15</sup> - 9 <sup>55</sup>   | PL1 | <b>J. Militky, D. Křemenáková, M. Košťáková-Hušková</b><br>POLYESTER FIBERS STRUCTURE AND HEAT SETTING<br>Technical University of Liberec, Czech Republic                              |
| 9 <sup>55</sup> - 10 <sup>35</sup>  | PL2 | <b>J. Janicki, M. Rom, J. Fabia, J. Grzybowska-Pietras, Z. Lewandowski</b><br>PHYSICOCHEMICAL PROPERTIES OF PLA MELT-BLOWN NONWOVENS<br>University of Bielsko-Biala, Poland            |
| 10 <sup>35</sup> - 11 <sup>15</sup> | PL3 | <b>R. Kozłowski, M. Władyka-Przybylak, S. Kubica</b><br>COMPOSITES ON BASE NATURAL FIBRES AS REINFORCING MATERIALS<br>Institute of Natural Fibres and Medicinal Plants, Poznan, Poland |

11<sup>15</sup> – 11<sup>45</sup> Coffee break

#### SECTION II

**Chairman: Prof. Alenka Majcen Le Marechal**

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| 11 <sup>45</sup> - 12 <sup>05</sup> | L4 | <b>A.M. Manich, J. Carilla, R.A.L. Miguel, J. Lucas, F. Franco, L. Montero, D. Cayuela</b><br>MECHANICAL PROPERTIES, RELAXATION BEHAVIOUR AND THERMAL CHARACTERIZATION OF FALSE-TWIST TEXTURED POLYLACTIDE MULTIFILAMENTS<br>Institute of Advanced Chemistry of Catalonia – Spanish National Research Council, Barcelona, Spain |
| 12 <sup>05</sup> - 12 <sup>25</sup> | L5 | <b>K. Twarowska-Schmidt, K. Sulak, M. Lichocik, G. Maciejewski</b><br>INVESTIGATION IN THE MANUFACTURE OF FIBRES FROM POLY(LACTIC ACID)<br>Institute of Biopolymers and Chemical Fibers, Lodz, Poland                                                                                                                           |
| 12 <sup>25</sup> - 12 <sup>45</sup> | L6 | <b>D. Binias, W. Binias, J. Broda</b><br>FORMATION OF POLYPROPYLENE FOILS CONTAINING CHITIN DERIVATES<br>University of Bielsko-Biala, Poland                                                                                                                                                                                    |

12<sup>45</sup> - 14<sup>30</sup> Lunch

**SECTION III****Chairman: Dr. Danuta Ciechanska**

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| 14 <sup>30</sup> - 14 <sup>50</sup> | L7 | <b>C. Tonetti, A. Montarsolo, R. Innocenti</b><br>EXTRACTION OF CHROMIUM FROM DYED TEXTILES BY MEANS OF<br>ARTIFICIAL SKIN SURFACE FILM LIQUID<br>CNR-ISMAL, Institute for Macromolecular Studies, Biella, Italy |
| 14 <sup>50</sup> - 15 <sup>10</sup> | L8 | <b>A. Majcen Le Marechal, S. Vajnhandl, T. Jerič, D. Mattioli, S. Grilli</b><br>GLOBAL APPROACH TO WATER RECYCLING IN SLOVENE TEXTILE<br>COMPANIES<br>University of Maribor, Slovenia                            |
| 15 <sup>10</sup> - 15 <sup>30</sup> | L9 | <b>P. Benešovsky, M. Hudcová</b><br>METHODS FOR TESTING OF ANTIBACTERIAL ACTIVITY OF TEXTILE<br>Textile Testing Institute, Brno, Czech Republic                                                                  |

15<sup>30</sup> – 16<sup>00</sup> Coffee break**SECTION IV PRESENTATION OF COMPANIES****Chairman: Prof. Jiří Militký**

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| 16 <sup>00</sup> - 16 <sup>10</sup> | PC1 | <b>P. Bugaj, D. Bakoš, I. Hudec, P. Alexy</b><br>CENTRE FOR APPLIED RESEARCH OF ENVIRONMENTALLY FRIENDLY<br>POLYMER MATERIALS<br>Slovak University of Technology in Bratislava, Slovak Republic |
| 16 <sup>10</sup> - 16 <sup>20</sup> | PC2 | <b>R. Kostovčík</b><br>MEDICAL TEXTILE PRODUCTS ENSURED HYGIENE AND SECURITY OF<br>PATIENTS<br>TYTEX, Humenné, Slovak Republic                                                                  |
| 16 <sup>20</sup> - 16 <sup>30</sup> | PC3 | <b>A. Babrňák, J. Minárik, R. Tesař</b><br>TIMM, Trenčín, Slovak Republic                                                                                                                       |
| 16 <sup>30</sup> - 16 <sup>40</sup> | PC4 | <b>O. Brejka</b><br>MANUFACTURER OF COLOUR AND ADDITIVE MASTERBATCHES<br>UNICOL, Poprad, Slovak Republic                                                                                        |
| 16 <sup>40</sup> - 16 <sup>50</sup> | PC5 | <b>A. Barančík, T. Krško, J. Kinder</b><br>NEXIS, Humenné, Slovak republic                                                                                                                      |

16<sup>50</sup> - 18<sup>00</sup> Poster section19<sup>00</sup> Dinner

Thursday, 14<sup>th</sup> September 2010

**SECTION V**

**Chairman: Prof. Jaroslaw Janicki**

|                                     |     |                                                                                                                                                                               |
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| 9 <sup>00</sup> - 9 <sup>20</sup>   | L10 | <b>M. Rom, R. Fryczkowski, B. Fryczkowska, J. Janicki</b><br>POLYANILINE INKS FOR INKJET PRINTING - STUDIES ON STABILITY AND VISCOSITY<br>University of Bielsko-Biala, Poland |
| 9 <sup>20</sup> - 9 <sup>40</sup>   | L11 | <b>M. Barreto, M. Neves, J. Neves</b><br>TEXTILE PRINTING APPLICATION: INCLUSIVE DESIGN FOR BLIND PEOPLE<br>University of Minho, School of Engineering, Portugal              |
| 9 <sup>40</sup> - 10 <sup>00</sup>  | L12 | <b>P. Deanko, D. Čižmarová, J. Šesták</b><br>SURFACE DYEING OF POLYPROPYLENE FIBRES<br>VÚTCH-CHEMITEX, Žilina, Slovak Republic                                                |
| 10 <sup>00</sup> - 10 <sup>20</sup> | L19 | <b>A.P. Aneja, J. Militký, D. Křemenáková</b><br>INNOVATIONS AND TRENDS IN BIO-FIBERS PRODUCTION<br>Noéton Policy in Innovation, North Carolina, USA                          |

10<sup>20</sup> – 11<sup>00</sup> Coffee break

**SECTION VI**

**Chairman: Ing. Jozef Šesták**

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| 11 <sup>00</sup> - 11 <sup>20</sup> | L13 | <b>A. M. Grancaric, A. Tarbuk, A. Majcen le Marechal:</b><br>THE INFLUENCE OF ULTRASOUND POWER TO SURFACE FUNCTIONALIZATION OF POLYESTER FABRIC<br>University of Zagreb, Faculty of Textile Technology, Croatia |
| 11 <sup>20</sup> -11 <sup>40</sup>  | L14 | <b>D. Stawski, S. Połowiński:</b><br>HYDROPHILIC PROPERTIES OF POLYPROPYLENE NONWOVENS AFTER POLYELECTROLYTE LAYERS DEPOSITION<br>Technical University of Lodz, Poland                                          |
| 11 <sup>40</sup> - 12 <sup>00</sup> | L15 | <b>L. Hes, I. Dolezal:</b><br>THE EFFECT OF SWEATING ON THERMAL COMFORT OF FUNCTIONAL UNDERWEAR MADE OF SYNTHETIC POLYMERS<br>Technical University of Liberec, Czech Republic                                   |

12<sup>00</sup> - 13<sup>30</sup> Lunch

**SECTION VII****Chairman: Prof. Ana Marija Grancaric**

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| 13 <sup>30</sup> - 13 <sup>50</sup> | L16 | <b>M. Neves; N.L. Filho; J. Neves:</b><br>DEVELOPMENT OF MULTIFUNCTIONAL KNITTING FOR THERMAL<br>CONFORTABLE CLOTHING<br><br>University of Minho, School of Engineering, Portugal                      |
| 13 <sup>50</sup> - 14 <sup>10</sup> | L17 | <b>Z. Czaplicki, R. Kozlowski, A. Wlochowicz:</b><br>TECHNOLOGY OF SCOURING ALPACA WOOL WITH THE USE<br>OF ULTRASOUND GENERATORS<br><br>Institute of Natural Fibres & Medicinal Plants, Poznan, Poland |
| 14 <sup>10</sup> -14 <sup>30</sup>  | L18 | <b>P. Lizák, J. Legerská, J. Ligas:</b><br>MEASUREMENT OF POROSITY AND THE CHOICE SELECTION OF THE<br>THERESHOLD VALUE THROUGH THE IMAGE ANALYSIS<br><br>University of Trenčín, Slovak Republic        |

14<sup>30</sup> – 15<sup>30</sup> EXCURSION INSTITUTE OF POLYMER MATERIALS

15<sup>30</sup> Closing of Conference