

PROGRAMME

October 22nd 2015

Golden Tulip Times Hotel – Panorama room

8:30-9:15 Registration

9:15 -9:30 Welcome and Introduction – Dr. eng. Carmen Ghituleasa, general manager I.N.C.D.T.P.

9:30-10:00 Keynote speech

Highly efficient fibrous materials for removal of metal ions and dyes from aqueous media

Aminoddin Haji

10:00-11:15 Session 1

Hydrothermal route to (Fe, N) codoped Titania photocatalysts with increased visible light activity

L. Diamandescu, M. Feder, F. Vasiliu, L. Tanase, C. M. Teodorescu, T. Popescu, I. Dumitrescu

Easy care finishing of linen fabric by sol-gel method

Buket ARIK, Arzu YAVAS, Ozan AVINC

Web portal for customized production of clothing for overweight and elderly people

C. Niculescu, E. Mielicka, A. Salistean, L. Napieralska, G. Popescu, A. Mocenco

Determination of fabrics properties for reversible garments

Oksana Zakharkevich, Svetlana Kuleshova, Galina Shvets

Fabrication of polyaniline nanofibers and their application as EMI shielding material

Sadroddin Qavamnia, K. Nasouri

11:15- 11:45 Coffee break

11:45-13:00 Session 2

Effects of different finishing agents on sublimation transfer printing of cotton fabrics with disperse dyes

Gökhan Erkan

Innovative technology for determination of blade cut resistance of protective gloves

Florin A. Păun, Mihaela Părăian, Adrian M. Jurca, Niculina Vătavu, Gabor Dan

Investigating the distribution and homogeneity of fillers in composite filaments with a novel optical control method

Umit Halis Erdogan, Hicran Duran

Surface analysis and adsorption studies of acrylic acid grafted polypropylene nonwoven

Aminoddin Haji, Ahmad Mousavi Shoushtari, Majid Abdouss

Enhanced photocatalytic degradation of stains on textile fabrics coated with (Fe, N) codoped TiO₂

I. Dumitrescu, L. Diamandescu, L.C. Dinca, M. Feder, O. G. Iordache, E. Varzaru, V. Trasnea

13:00 – 14:00 Lunch break

Posters session

Study of anthropometric development indicators of children in the context of establishing the constructive parameters of constructive patterns of garments

Stela Balan

Innovative IT technology applied in fashion

Alexandra Mocenco, Sabina Olaru, Georgeta Popescu, Dan Luca

The effect of nano and micro inorganic pigments on uv-visible-ir reflectance of printed fabrics

H. Jafari, M. Khajeh Mehrizi, S. Fattahi, A. Haji

Save Energy in Textile SMEs

Mauro Scalia, Doina Toma, Carmen Ghituleasa, Claudia Niculescu

Photocatalytic textiles active under visible light

I. Dumitrescu, O.G. Iordache, L.C.Dinca, P. Perret, S. Nazarpour, A. Popescu, Sung Jin Kim, V.Trasnea, B. Cemal

Eco-efficient treatment of medical wool on sheepskins with plant extracts

Carmen Gaidau, Mihaela Niculescu, Demetra Simion, Clara Radulescu, Adriana Subtirica, Andreea Vesa and Viorica Tamas

Reduction of colour of acid and reactive dyestuff wastewater using macroporous resins

Marian Deaconu, Raluca Senin, Marian Crudu, Anca Athanasiu, Loti Oproiu, Mircea Ruse, Catalin Filipescu

Testing of new outdoor products using CEN TR 16422 classification of thermoregulatory properties

P. Nasadil, P. Benesovsky

Composite materials based on natural fibres and rubber

Steltescu Maria Daniela, Manaila Elena, Craciun Gabriela, Luculescu Catalin, Alexandrescu Laurentia, Gurau Dana

MANUCOAT. Development of Smart textiles by deposition of doped TiO₂ through a system environmentally friendly

C. Serrano, E. Bugnicourt, C. Niculescu, C. Ghituleasa, I. Dumitrescu, A. Sobetkii, A.M Mocioiu, R.M. Piticescu, M. Petriceanu

14:00 – 15:30 Session 3

Evaluation of the antimicrobial activity of different nanomodified textile materials

Marcela Popa, Mariana C. Chifiriuc, Veronica Lazar

Improving the work place conditions in terms of ergonomic needs -A case study for designing a heatable lumbar support

O. Kayacan, C. Ceylan

Applying CASP method for construction of adapted garments for people with scoliosis

Zoran Stjepanovič, Andrej Cupar, Simona Jevšnik, Tanja Kocjan Stjepanovič, Andreja Rudolf

Development of advanced compatible materials for the restoration of cultural heritage assets (MYTHOS): Fibre DNA analysis

P. Rödel, C. Radulescu, H. Fischer

Safety aspects of textiles used in health care facilities

H. Polášková, M. Hrubanová, L. Švarcová

15:30- 15:45 Coffee break

15:45 – 17:50 Session 4

Mechanical properties of needle-punched nonwovens for automotive applications

S.Muge Yukseloglu, Damla Koc

Accomplishment of finishing processes through ionic liquid

M. Oktav Bulut, K. Akçali

Hydrogenperoxide bleaching of coir fiber

Melek Gundogan, O.Ozan AVINC, Arzu YAVAS

Education of knitting design in undergraduate art and design schools in Turkey

D.Dere, Biret Tavman

Improving production textile tapes on needle narrow weave machines for suitable end-use

Ashraf Abd Elfattah Mostafa

October 23rd 2015

INCDTP headquarters

9:15 -9:30 Welcome and Introduction – Dr. eng. Carmen Ghituleasa, general manager I.N.C.D.T.P.

9:30-10:30 Session 1

Influence of iron on the photocatalytic efficiency of TiO₂ under visible light

I. Dumitrescu, L. G. Dinca, O. G. Iordache, A. Popescu, E. Varzaru, B. Basim, Song Min Kyu, V. Trasnea, G. Ükelge

Influence of treatments with essential oils of thyme (*Thymus vulgaris*) and Sage (*Salvia officinalis*) and silver nanoparticles applied on cotton fabric linings on the growth of a *Candida albicans* strain

M. D. Berechet, C. Chirila, D. Simion, C. Gaidau, L. Surdu, A. Fudulu

Research, preservation and restoration of textile cultural property – opportunity for textile scientists

P. Benesovsky, H. Polaskova

10:30- 11:00 Coffee break

11:00-12:00 Session 2

Could the natural dyes be an alternative for industrial dyeing processes of textile materials?

I. Halamová, P. Nasadil

Romanian textile clusters

Daniela Bucur

Research activities of CLUTEX – cluster technical textiles in Czech republic

P. Nasadil, M. Beran

10:30 – 12:00 Posters session

Analysis of the force tearing standard for woven structures using the Elmendorf

Aileni Raluca Maria, Surdu Lilioara

Ecological natural dyeing technology of textile materials made of natural protein fibers

Alina Popescu, Laura Chirila

Numerical analysis of pilling effect grade for woven structures

Aileni Raluca Maria, Surdu Lilioara

Personal protective equipment against extremely high/low temperatures

D. Toma, A. Popescu, L. Chirila, M. Istrate, N. Scarlat

Evaluation of decolorisation abilities of natural fungal isolates

Ovidiu Iordache, C.P. Cornea, G. Popa, C. Diguta, I. Dumitrescu, S. Rodino, I. Ionescu, Adrian Matei

Eco-efficient treatment of medical wool on sheepskins with plant extracts

C. Gaidau, M. Niculescu, D. Simion, C. Radulescu, A. Subtirica, A. Vesa, Viorica Tamas

Textile materials used in the manufacture of parachutes and aerodynamic decelerators

Adrian Salistean, Claudia Niculescu, Alexandru Luca

Contributions to recovery and effective use of unmanageable waste from the leather and metallurgic industries

M. Crudu, L. Rosu, D. Rosu, S. Maier, I.A. Crudu

Optimizing conductive fabric's performance by software program

I. R. Radulescu, L. Surdu, Ghe. Nicula

ESD - Protective equipment

E. Carpuș, R. Scarlat, E. Visileanu, A. Ene, C. Mihai, A. S. Ardeleanu, D. Bonfert and A.Popa

Multifunctional textiles achieved using plasma nanotechnology

Lilioara Surdu, Emilia Visileanu, Ioan Razvan Radulescu

Research in art and textile design between cultural identity and innovative transdisciplinarity

Marlena Pop

12:00 Program ends