

## POSTERS LIST 07-10 JUNE 2022

**LINK: <https://www.autex2022.com/postergallery>**

Agnieszka Adamus-Włodarczyk, Poland	A self-healing system for the soles of all rubber protective footwear.
Nicholus Tayar Akankwasa, China	A multi-purpose spinning system for effective blend fancy yarn production.
Akvile Andziukeviciute-Jankuniene, Lithuania	Electrospun Bioactive Polymer/Gelatin Coatings for Medical Application Creation And Investigation.
Olga Belukhina, Lithuania	Studies of the possibility of estimating the growth of the cortex layer from the change in the mass of fibres.
Evaldas Bolskis, Lithuania	Melt-spinning of Polypropylene (PP) Multifilaments Yarns: Effects of Myrrh Resin on Multifilament Yarns Properties.
Pablo Díaz-García, Spain	Bath exhaustion on halochromic dyes.
Sandra Flinčec Grgac, Croatia	Influence of pre-treatment in an alkaline medium on binding chitosan and 2,3-dihydroxy butandionic acid on polyester/cotton substrate.
Dominika Glažar, Slovenia	Modification of cotton fabric using a three-component Ag/TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composite to improve protection against UV radiation.
Zhou Hongtao, China	Numerical simulation and experimental study of trapezoidal rear of triaxial woven fabric.
Asif Javed, Czech Republic	In-situ green synthesis of zinc oxide nanoparticles (ZnO NPs) onto the cotton fabrics by neem (azadirachta indica) leaf extract.
Haleema Khanzada, Lithuania	Development of Antibacterial and Ultraviolet protective clothing by the Application of Medicinal plants extract.

Klara Kostajnssek, Slovenia	Technological design of jacquard fabric and their functionalization.
Julija Krauledaitė, Lithuania	The effect of 3D weft-knitted fabric composition on puncture, tear, and air permeability.
Paulina Kropidłowska, Poland	Coating functionalized with silicon carbide for cut-resistant protective glove.
Paulina Kropidłowska, Poland	CUT protective materials from the point of view of working environment.
Egle Kumpikaite, Lithuania	Similarities and differences of lithuanian and western ukrainian folk towels.
Marc Martinez Estrada, Spain	Experimental abrasion analysis of textile capacitive sensors.
Inés Martínez-González, Spain	Fabirc Topography Influence on Nanofibers Deposition.
Liliana Melro, Portugal	Antiviral properties of flame retardant bacterial nanocellulose modified with mordenite.
David Mínguez-García, Spain	Fiber cross-section influence on the deposition of nanofibres on textile weaved structures.
Muhammad Usman Munir, Lithuania	A study on barrier performance of medical face masks.
Zbigniew Pawliczak, Poland	Design and research of a new type of anti-vibration gloves with the use of distance knitted fabrics.
Ainhoa Sánchez-Martínez , Spain	Estimating biodegradation of cotton fabric by soil burial.
Ana Santiago, Portugal	Himalayan Nettle: A promising fibre on the rise.
Elżbieta Sąsiadek-Andrzejczak, Poland	1D, 2D and 3D dosimetry – a brief overview of the DosLab group’s research work.
Ivana Schwarz, Croatia	Influence of yarn fineness on fabric conductivity.
Dunja Šajn Gorjanc, Slovenia	Functional properties of nonwovens as insulating layer for protective gloves.

Marta O. Teixeira, Portugal	Natural extract-loaded wet-spun fibers encapsulated within a hydrogel matrix for potential uses in the treatment of skin infections.
Serkan Uysal, Spain	Natural Dyeing of Recycled Cotton and Polyester-Cotton Blended Yarns with Chitosan Biomordant.
Dan Wang, Czech Republic	Analysis on heat transfer properties of the sandwich fabrics based on ANSYS workbench.
Shu-Dong Wang, China	Comparison of bacterial cellulose production from nata-de-coco and kombucha.
Yuanfeng Wang, Czech Republic	Resistive heating performance of waste cotton-derived carbon obtained by salt-assisted hydrothermal carbonization.
Mareen Warncke, Germany	Development of test method for the characterization of electrically conductive yarns for integration in smart textiles.
Zhang Wen, China	Process and Design of Jacquard Warp Knitted Spacer Fabric.
Kai Yang, Czech Republic	Thermal Behavior of A Multi-layer Laminated Fabric Containing PCMs.
Bin Zhou, China	Multi-function woven fabric with carrier particles of PU-TiO <sub>2</sub> coating filled in local pipes.