TEXNOVA 2026

INTERNATIONAL CONFERENCE ON TEXTILE INNOVATION

29–30 October 2026 • Belgrade and Zrenjanin, Serbia

DAY 1	Thursday 29 October 2026 Belgrade | Chamber of Commerce and Industry of Serbia		
09:30–10:00	Registration		
10:00–10:30	Opening Session		
	Prof. Dr. Milan Nikolic	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia, Dean	
	Marija Zlatkovic	Secretary of the Association of Textile, Garment, Leather and Footwear Industries CCIS	
	Prof. Dr. Snezana Stankovic	Faculty of Technology and Metallurgy, University of Belgrade, Serbia Chair of the Scientific Committee	
	Prof. Dr. Marija Pesic	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia Chair of the Organizing Committee	
	Plenary session, chair: Prof. Dr. Snezana Stankovic		
10:30 –10:50	Resilient Biotransformation Technologies for the Textile Processing Industry	Prof. Dr. Roshan Paul	Institute for Textile Technology (ITA), RWTH Aachen University, Germany
10:50–11:10	Surface Engineering of Polypropylene Nonwoven with PPI Dendrimers for Sustainable Wastewater Treatment (Online)	Prof. Dr. Aminoddin Haji	Yazd University, Iran
11:10–11:30	The Application of Generative Artificial Intelligence in Clothing Design	Prof. Dr. Edit Csanák	Óbuda University, Budapest, Hungary
11:30–11:50	Artificial Intelligence in Fashion Industry: Applications for Clothing and Footwear	Prof. Dr. Tatjana Spahiu	Polytechnic University of Tirana, Albania
11:50 –12:00	Closing Plenary Session: Discussion, Conclusions and Recommendations		
12:00–12:15	Coffee break		
	Invited lectures session, chair: Prof. Dr. Marija Pešić		

12:15 –12.30	Monitoring Health Parameters Using Textile-Based Sensors	Prof. Dr. Goran Stojanovic	Faculty of Technical Sciences, University of Novi Sad, Serbia
12:30 –12:45	From Skills Needs to New Training Models: AEQUALIS4TCLF in Practice	Pedro Filipe Goncalves	EURATEX, Belgium
12:45 –13:00	METASKILLS4TCLF: Reimagining Skills Development in the Fashion Sector – Building an Immersive Learning Ecosystem for a Digital and Green Fashion Industry	Rita Souto, Alessandro De Rosa	CTCP – Portuguese Footwear Technology Centre, Portugal PIN Foundation – Prato Campus, University of Florence, Italy
13:00 –13:15	3D Scanning Systems: Variety, Performance, Tolerance	Prof. Dr. Olena Kyzymchuk	TU Dresden (Dresden University of Technology), Germany
13:15 –13:30	Multimodal AI for Fabric Drape Coefficient Determination from Digital Images: Assessment Against the Cusick Method	Prof. Dr. Emilija Tosic	Faculty of Technology and Metallurgy, North Macedonia
13:30– 13:45	Discussion, Conclusions and Recommendations		
13:45–15:00	Lunch		
	Research, project and industry presentations, chair: Prof. Dr. Nadiia Bukhonka		
15:00 - 15:10	Supporting Textile Companies in Meeting New EU Requirements	Katarina Momcilović Matic	Chamber of Commerce and Industry of Serbia
15:10 –15:20	Connecting Industry, Education and Innovation: The FACTS Cluster Model	Slađana Milojevic	Fashion Apparel Cluster of Serbia - FACTS
15:20 –15:30	MISSION4WATER - Transnational Strategies For Mitigating Textile-Sourced Water Pollutants In The Adriatic-Ionian Region	Natasa Sivevska	Textile Trade Association – Textile cluster, North Macedonia
15:30 –15:40	Valorization of Enset Plant Residues Through Circular Economy Principles: Pathways to Sustainable Fiber Production in the Global Textile Sector	Prof. Dr. Alhayat Getu Temesgen	Chemnitz University of Technology, Chemnitz, Germany
15:40 –15:50	Development and Preliminary Evaluation of A Source – Grounded AI Technical Assistant for Textile Printing Using Gemini Notebook	Prof. Dr. Nemanja Kasikovic	Faculty of Technical Sciences, University of Novi Sad, Serbia
15:50 - 16:00	Closing 1st conference day: Discussion, Conclusions and Recommendations		

DAY 2	Friday 30 October 2026 Zrenjanin | Technical Faculty Mihajlo Pupin, University of Novi Sad		
Online session - Chair: Prof. Dr. Ineta Nemesa			
10:00-10:10	Welcome speech	Prof. Dr. Marija Pesic	Technical Faculty "Mihajlo Pupin", Zrenjanin
10:10-10:20	A Teacher – Mediated Model for Artificial Intelligence Integration in Textile Higher Education	Prof. Dr. Ping Qiu, Prof. Dr. Guoxiang Yuan	College of Fashion and Design, Donghua University, Shanghai, China
10:20-10:30	Artificial Intelligence Modeling and Optimization of Cationic Dye Adsorption Using Pistachio Hull/ZIF-8 Hybrid	Prof. Dr. Aminoddin Haji	Yazd University, Yazd, Iran
10:30-10:40	AI-enabled digital transformation of garment pattern design: integrating CAD, 3D simulation and closed-loop optimization	Ruzica Stevkovska Stojanovska	Faculty of Technology and Metallurgy, Skopje, North Macedonia
10:40-10:50	Effect of short-term uvc treatment on the color and tensıle strength of wool and mılk fibers	Ece Kalayci	Pamukkale University, Denizli, Türkiye
11:00–11:30	Registration		
11:30-11:40	Welcome Session		
	Dean/ vice dean	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia, Dean	
	Prof. Dr. Marija Pesic	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia	
	Research, project and industry presentations, chair: Prof. Dr. Marija Pesic		
11:40 –11:50	Co-designing innovative tools to go towards textiles with reduced fibre release in water	Beatrice Dal Pio Luogo Prof. Dr. Gaetano Cascini	Politecnico di Milano, Italy
11:50–12:00	Developing engineering solutions for reducing microplastic pollution	Prof. Dr. Tomislav Martinec	University of Zagreb Faculty of Mechanical Engineering and Naval Architecture, Croatia
12:00–12:10	Wastewater treatment with a focus on microplastics from textiles	Sabina Hadziahmetovic	Hydro – Engineering Institute Sarajevo – HEIS, Bosnia and Herzegovina

12:10 –12:20	Discussion, Conclusions and Recommendations		
12:20–12:30	Coffee break and networking		
12:30–12:40	Towards Digital Twins for Textile - Reinforced Composites: AI - Driven Durability Prediction	Prof. Dr. Andrejs Krauklis	LBTU: Latvia University of Life Sciences and Technologies, Latvia
12:40–12:50	Ai Assisted Tech Pack, Structured Technical Documentation for Textile Industry	MSc Aida Cengic	Technloom, Serbia
12:50–13:00	Digital Transformation and Industry 4.0 Technologies in the Textile Industry	Prof. Dr. Damir Hodzic,	University of Bihac, Faculty of Technical Engineering, Bosnia and Herzegovina
13:00 –13:10	Innovative Hook and Loop Fasteners	Prof. Dr. Ineta Nemesa	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia
13:10 –13:20	Cloth simulation using computer graphics in fashion design	Aleksandra Đorđević	Faculty of Technical Sciences, University of Novi Sad, Serbia
13:20–14:30	Lunch		
14:30– 15:15	**Workshop:** Digital Garment Development Using V-Stitcher: Bridging Industry and Education	Prof. Dr. Nadiia Bukhonka	Technical Faculty "Mihajlo Pupin", University of Novi Sad, Serbia
15:15 –15:25	Discussion, Conclusions and Recommendations		
15:25 –16:00	Poster Session and Exhibition of Student Works		

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