



# PROGRAMME

20 October 2022

**Kyiv National University of Technologies and Design**  
Nemyrovycha-Danchenka str., 2, Kyiv, Ukraine

## Organizers:



Ministry of Education and Science of Ukraine



Kiev National University of Technologies and Design



Kutaisi State University  
named after Akaki  
Tsereteli, Georgia



Polytechnic  
University, Albania



Kherson National  
Technical University,  
Ukraine



Khmelnytskyi National  
University, Ukraine

## Co-organizers:



Minoufia University,  
Egypt



Technical  
University, Czech  
Republic



Technical University  
of Dresden, Germany



Kaunas University of  
Technology, Lithuania



Ankara Hacı Bayram  
Vela University, Turkey



Birmingham City  
University, Great  
Britain



Technical University  
of Kaiserslautern,  
Germany



National Institute  
for Research and  
Development of  
Biological Sciences,  
Romania



Association of Higher  
Education Institutions in  
Art, Design and Media,  
Finland



Mukachevo State  
university, Ukraine



Lviv University of  
Trade and Economics,  
Ukraine



State Research Institute  
of the Ministry of  
Internal Affairs of  
Ukraine



Lutsk National Technical  
University, Ukraine



Volyn National  
University named  
after Lesya  
Ukrainka, Ukraine



Uzhhorod National  
University, Ukraine



Mykhailo Boychuk  
Kyiv State Academy of  
Decorative and Applied  
Arts and Design,  
Ukraine

## SCIENTIFIC COMMITTEE

### **The head of the scientific committee:**

**Ivan Gryshchenko** – Head of Scientific Committee, Prof., Dr. Econ., Academician of National Academy of Pedagogical Science, Honoured Educator of Ukraine, Rector. Kyiv National University of Technologies and Design, Ukraine.

### **Deputy heads of the scientific committee:**

**Liudmyla Hanushchak-Efimenko** – Co-head of Scientific Committee, Prof., Dr. Econ., Vice-Rector for Research and Innovation, Kyiv National University of Technologies and Design, Ukraine

**Oksana MORGULETS** - doctor of economic sciences, professor, vice-rector for scientific and pedagogical activity (educational activity) of Kyiv National University of Technology and Design, Ukraine;

**Ludmila Zubkova** – Co-head of Scientific Committee, Prof., PhD, Dean of Fashion Industry Faculty, Kyiv National University of Technologies and Design, Ukraine

### **Members of the scientific committee:**

**Nino Dolidze** – Prof., PhD, Akaki Tsereteli State University, Georgia

**Vladimir BAYZIK** - doctor of technical sciences, professor, dean of the textile faculty of the Technical University of Liberec, Czech Republic;

**Tatjana Spahiu** – Dr., Department of Textile and Fashion, Polytechnic University of Tirana, Albania;

**Emine Koca** — Prof., PhD, Faculty of Art and Design, Ankara Hacı Bayram Veli University, Turkey;

**Nazim Paşayev** – Prof., Dr., Textile Engineering Department, Erciyes University, Turkey;

**Fawzy Sherif** – Dr-Ing, Associate Professor, Textile and Clothing Technology Department, Home Economics Faculty, Menufiya University, Egypt;

**Oksana Zakora** – Prof., PhD, Head of Examination, Technology and Textile Design Department, Kherson National Technical University, Ukraine;

**Oksana Kozar** – Prof., Dr. Eng., Head of the Department of Light Industry and Professional Education, Mukachevo State University, Ukraine;

**Lesya Pelik** – Prof., Dr. Eng., Professor of the Department of customs and technical regulation, Lviv University of Trade and Economics, Ukraine;

**Mykola RIABCHYKOV** - doctor of technical sciences, professor of the Department of Light Industry Technology, Lutsk National Technical University, Ukraine;

**Alla Slavinska** — Prof., Dr. Eng., Head of the Department of Technology and Design of Sewing Articles, Khmelnytsky National University, Ukraine.

## **ORGANIZATIONAL COMMITTEE**

### **Chairman of the organizing committee:**

**Ludmila ZUBKOVA** – PhD, professor, dean of the Faculty of Arts and Fashion, Kyiv National University of Technologies and Design, Ukraine.

### **Members of the organizing committee:**

**Olha HARANINA** – doctor of Technical Sciences, Head of the Department of Fashion Technologies, Kyiv National University of Technologies and Design, Ukraine;

**Sergey BEREZHENKO** – doctor of Technical Sciences, professor, head of the department of technology and design of sewing products of the Kyiv National University of Technologies and Design, Ukraine;

**Tetiana DERKACH** - doctor of pedagogical sciences, professor, head of the department of professional education in the field of technology and design, Kyiv National University of Technologies and Design, Ukraine;

**Natalia OSTAPENKO** – doctor of Technical Sciences, professor, head of the department of modeling and artistic decoration of clothes of the Kyiv National University of Technologies and Design, Ukraine;

**Arsenii ARABULI** – PhD, associate professor of the department of technology and design of sewing products of the Kyiv National University of Technologies and Design, Ukraine;

**Ludmila HALAVSKA** - doctor of technical sciences, professor, head of the research department of the Kyiv National University of Technologies and Design, Ukraine;

**Tetiana STRUMINSKA** - PhD, associate professor of the department of modeling and artistic decoration of clothes, member of the Union of Designers of Ukraine, Kyiv National University of Technology and Design, Ukraine;

**Yana RED'KO** - doctor of Technical Sciences, Associate Professor of the Department of Fashion Technologies, Kyiv National University of Technology and Design, Ukraine.

### **Responsible secretary:**

**Tetiana DZYKOVYCH** – PhD, associate professor of the Department of Fashion Technologies, Kyiv National University of Technology and Design, Ukraine.

## PROGRAMME

**Kyiv National University of Technologies and Design**  
**Nemyrovycha-Danchenko str., 2, Kyiv**

**20.10.2022**

- 9.30 – 10.00** Registration  
**Official opening ceremony of the conference**  
**greeting speeches:**  
**IVAN GRYSHCHENKO** – Prof., Dr. Econ., Academician of National Academy of Pedagogical Science, Honoured Educator of Ukraine, Rector. Kyiv National University of Technologies and Design, Ukraine  
**Ludmila ZUBKOVA** – Prof., PhD, Dean of Fashion Industry Faculty, Kyiv National University of Technologies and Design, Ukraine  
**Merab DATUASHVILY** - Associate Professor of the Faculty of Design and Technologies, Georgia  
**Angela SKRYPCHENKO** is a professor at the Faculty of Design of the Technical University of Moldova  
**Oksana KOZAR** - Head of the Department of Light Industry and Vocational Education, Mukachevo State University, Ukraine  
**Eija SALMI** - Cumulus Association, Finland  
**Mykola RIABCHIKOV** is a professor at the Department of Light Industry Technologies, Lutsk National Technical University  
**Oleksandr BONDAR** is the director of PRIME SHOES LLC

### Plenary session

- 10:30-10:40 Mr Lorenzo IMBESI Cumulus – president, University of La Sapienza, Rome, Italy
- Diego GIACCHETTI Poliarte Accademia di Belle Arti e Design,  
Alessandro RUFFINO Ancona  
Innovations in fashion design - ideas of experts of the Poliarte Academy of Arts and Design
- 10:40-10:50 Lyubov SERHIENKO State Research Institute of the Ministry of Internal Affairs of Ukraine  
Requirements for choosing a color solution of textile materials for the clothing of military personnel
- 10:50-11:00 Oksana MYKHAILOVSKA Khmelnytskyi National University  
Application of modular transformation in the design of a qualitatively new assortment of light industry products
- 11:00-11:10 Lyudmila MELNYK Kiev National University of Technologies and Design  
Formation and performance of elastic textile materials for supportive medical items
- 11:10-11:20 Oksana DMYTRYK Kiev National University of Technologies and Design  
The influence of knitting parameters on the parameters of the structure and shape of the loop of knitted material from high-strength threads
- 11:20-11:30 Olena TSYMBAL Fashion designer, analyst and forecaster, owner of fashion and lifestyle brand "HELLISEN"  
Features of the long-term forecast of fashion and lifestyle of the society for

13:00 - 15:00

## SECTIONAL MEETINGS

## 1. Latest textile materials and technologies, current issues of modern materials science

**Moderator:** head Department of TM, Doctor of Technical Sciences, Assoc. Olga HARANINA**Secretary:** Associate Professor of the Department of TM, Ph.D., Assoc. Antonina BABYCH

- |   |   |  |
|---|---|--|
| 1 | Yana Redko <sup>1</sup><br>Natalia Hudzenko <sup>2</sup><br>Olga Haranina <sup>1</sup>  | <sup>1</sup> Kyiv National University of Technologies and Design, Ukraine<br><sup>2</sup> Leibniz Institute for Composite Materials, Kaiserslautern University of Technology, Germany              |
|   | Structural and morphological characteristics of innovative textile materials obtained using SOL–GEL technology  |  |
| 2 | Svetlana Arabuli <sup>1</sup><br>Anastasia Truba <sup>1</sup><br>Larisa Ocheretna <sup>2</sup>  | <sup>1</sup> Kyiv National University of Technologies and Design, Ukraine<br><sup>2</sup> ZF Automotive Czech s.r.o., Чеська Республіка  |
|   | Study of the ability of metal-containing fabrics to protect against uv radiation  |  |
| 3 | Arsenii Arabuli <sup>1</sup><br>Vladimir Bajzik <sup>2</sup><br>Olena Kyzymchuk <sup>3</sup><br>Daryna Levytska <sup>1</sup>                          | <sup>1</sup> Kyiv National University of Technologies and Design, Ukraine<br><sup>2</sup> Technical University of Liberec, Czech Republic<br><sup>3</sup> Technical University of Dresden, Germany |
|   | Study of the emr shielding effectiveness by the textile screen  |  |
| 4 | Demetra Simion <sup>1</sup><br>Carmen Gaidau <sup>1</sup><br>Gabriela Paun <sup>2</sup><br>Daniela Berechet <sup>1</sup><br>Maria Stanca <sup>1</sup> | <sup>1</sup> INCDTP-Division: Leather and Footwear Research Institute, Romania<br><sup>2</sup> The National Institute of Research and Development for Biological Sciences, Romania                 |
|   | New technology for preparation of cellulose/elastin membranes based on surfactants and the mechanism for separating turmeric from aqueous solutions   |  |
| 5 | Natalia Lytvynenko<br>Eleonora Rudenko  | Київський національний університет культури і мистецтв, Україна  |
|   | The latest textile materials  |  |
| 6 | Vera Konopchuk<br>Svitlana Lozovenko<br>Larisa Bilotska   | Kyiv National University of Technologies and Design, Ukraine   |
|   | Research of Modern Methods to Fix Rhinestones on Ballroom Dancing Dresses   |  |
| 7 | Mariia Kravchuk<br>Liudmyla Halavska<br>Svitlana Bobrova  | Kyiv National University of Technologies and Design, Ukraine   |

- Development of knitted gloves for protection against mechanical damage and exposure to flame
- 8 Liudmyla Halavska<sup>1</sup> <sup>1</sup> Kyiv National University of  
Svitlana Bobrova<sup>1</sup> Technologies and Design, Ukraine  
Liudmyla Dmitrenko<sup>1</sup> <sup>2</sup>Kaunas University of Technology,  
Daiva Mikucioniene<sup>2</sup> Kaunas Lithuania  
Tetiana Ielina
- Development of functional flame-resistant knitted materials
- 9 Olena Gibelinda<sup>1</sup> <sup>1</sup> Kherson National Technical  
Oksana Zakora<sup>1</sup> University, Ukraine  
Olga Sumska<sup>2</sup> <sup>2</sup> Kherson State Agrarian and  
Economic University, Ukraine
- To determine the possibility the use of organosilicon softeners to improvement the technological properties of a fabric
- 10 Ludmila Nazarchuk Lutsk National Technical University,  
Oksana Tkachuk Ukraine
- Classification of modern methods of decorating clothes for employees of hotel management institutions
- 11 Anna Vardanian Kyiv National University of  
Olha Haranina Technologies and Design, Ukraine  
Yana Redko
- Synthesis of azo dyes with specified properties
- 12 Liudmyla Melnyk Kyiv National University of Technologies  
Olena Kyzymchuk and Design, Ukraine  
Sophia Solopikhina
- Analysis of the assortment of functional sports clothing
- 13 Kateryna Smikalo Lesya Ukrainka Volyn National  
Oksana Zakora University, Ukraine<sup>1</sup> Kherson National  
Maria Nazarchuk Technical University, Ukraine
- Альтернатива натуральній шкірі у контексті сталої моди
- 14 Iryna Lyashok Kyiv National University of Technologies  
Olena Ishchenko and Design, Ukraine  
Victoria Galagan  
Maxim Lyashok  
Anastasia Godunko
- Design of textile materials with extracts of hibiscus and linden flowers
- 15 Oksana Dmytryk Kyiv National University of  
Svitlana Bobrova Liudmyla Technologies and Design, Ukraine  
Halavska
- The influence of knitting parameters on the parameters of the structure and shape of the loop of knitted material from high-strength yarn
- 16 Oksana Kozar<sup>1</sup> <sup>1</sup> Mukachevo State University  
Yuriy Zhiguts<sup>2</sup> <sup>2</sup> Uzhhorod National University
- Study of the structure of the skin obtained with the use of bioactive compositions
- 17 YyrijZhiguts1 <sup>1</sup>Uzhhorod National University

## 2. Fashion industry in the XXI century. Integration of smart technologies in the textile and fashion industry

**Moderator:** head department of TKVS, Doctor of Technical Sciences, prof. Serhii BEREZHENKO

**Secretary:** associate professor of the Department of Technical Sciences, Ph.D., Assoc. Arseniy ARABULI

- |   |  |   |
|---|--|---|
| 1 | Daniil Tkachenko<br>Antonina Babich<br>Victoria Kernesh<br>Serhii Kamenets<br>Design development of men's suit collection with elements of 3d printing       | Kyiv National University of Technologies and Design, Ukraine  |
| 2 | Oleksandr Makarenko<br>Antonina Babich<br>Production of interior collection dolls based on analysis upcycling technologies                                   | Kyiv National University of Technologies and Design, Ukraine  |
| 3 | Maryna Yatsenko<br>Natalia Romashko<br>Design of a collection of dresses in the shape of the eiffel tower  | Kyiv National University of Technologies and Design, Ukraine  |
| 4 | Anna Omelchenko<br>Svitlana Kudrynska<br>Natalia Cymbal<br>Designing a collection of women's clothing under the motto "a short trip to japan"                | Kyiv National University of Technologies and Design, Ukraine  |
| 5 | <sup>1</sup> Marina Yatsenko<br>Lilia Nesterenko<br><sup>2</sup> Svitlana Donchenko<br>Development of a collection of evening dresses in the "fantasy" style | <sup>1</sup> Kyiv National University of Technologies and Design, Ukraine<br><sup>2</sup> Voivodeship Police School, Gdansk, Poland |
| 6 | Inna Salyuk<br>Oksana Vodzinska<br>Design features of a solo dress for irish dances  | Kyiv National University of Technologies and Design, Ukraine  |
| 7 | Olesya Ditkovska<br>Victoria Chelyk<br>Characteristics of output data for constructing an avatar of a child's figure in clo 3d                               | Khmelnyskyi National University, Ukraine  |
| 8 | Oksana Vodzinska<br>Tetiana Cherchenko<br>Designing women's dress based on upcycling principles  | Kyiv National University of Technologies and Design, Ukraine  |
| 9 | Svitlana Lozovenko<br>Yana Kazukalo<br>Larisa Bilotska   | Kyiv National University of Technologies and Design, Ukraine  |



- The irish lace technique as a type of fashion products decoration
- 10 Olga Haranina Kyiv National University of Technologies  
Victoria Zirkevich and Design, Ukraine  
Adaptation of trends during the war and Ukraine's influence on world  
fashion
- 11 Olga Yezhova Kyiv National University of  
Kalina Pashkevich Technologies and Design, Ukraine  
Vladyslava Radchuk  
Diana Tartak  
Classification of textiles for interior design
- 12 Olga Haranina Kyiv National University of Technologies  
Valerya Nezdolii and Design, Ukraine  
"ECO-FASHION" when manufacturing clothes according to individual  
parameters
- 13 Oleksiy Vasylenko Kyiv National University of Technologies  
Viktor Chuprinka and Design, Ukraine  
Natalia Chuprinka  
Smoothing of sections of contours of glove parts using parametric b-spline  
and interpolation spline
- 14 MerabDatuashvili Akaki Tsereteli State University,  
MaiaGrdzeldize Georgia
- The influence of ottoman traditions in the formation of traditional clothes in  
regions of Georgia
- 15 Vodzinska Oksana Kyiv National University of Technologies  
Gorbach Vyacheslav and Design, Ukraine  
Upcycling as a way of greening the process of manufacturing children's  
clothes from denim
- 16 Tetyana Dzykovych Kyiv National University of Technologies  
Maria Postoenko and Design, Ukraine  
Today's artists and the uniqueness of their style
- 17 Kateryna Smikalo<sup>1</sup> <sup>1</sup> Lesya Ukrainka Volyn National  
Oksana Zakora<sup>2</sup> University, Ukraine  
Ihor Popovych<sup>2</sup> <sup>2</sup> Kherson State University, Ukraine  
Психологічний аспект в індивідуальному дизайні одягу
- 18 Mykola Ryabchikov Lutsk National Technical University,  
Victoria Stytsyuk Ukraine  
Oksana Kagan  
Creation of moving smart clothing systems using magnetic nanotextile  
methods
- 19 Cvitlana Kuleshova Khmelnytskyi National University,  
Juliana Pylypenko Ukraine  
Prerequisites for the development of the NEWCOLOR mobile application
- 20 Anastasia Chuguyevets Khmelnytskyi National University,  
Oksana Zakharkevich Ukraine  
Three-dimensional design in Clo3D through the eyes of a student
- 21 Daria Chamberzhi Kyiv National University of Technologies

### 3. Designing shoes and haberdashery

**Moderator:** Professor of the Department of TM, Doctor of Technical Sciences, Assoc. Natalia PERVAYA

**Secretary:** Associate Professor of the Department of TM, Ph.D. Nataliya BORSHCHEVSKA

- 1 Inna Soltyk Khmelnytskyi National University,  
Tatiana Nadopta Ukraine  
Розробка ортопедичних засобів для осіб із плоскостопістю
- 2 Victor Chuprynka Kyiv National University of  
Natalia Chuprynka Technologies and Design, Ukraine  
Dmitry Grikun  
Algorithm of interactive adjustment of the generation of rational schemes for the cutting of natural leather on shoe details
- 3 Viktor Chuprinka Kyiv National University of Technologies  
Natalia Chuprinka and Design, Ukraine  
Bohdan Naumenko  
Algorithm for generation of rational schemes for cutting roll materials on details of hardware products
- 4 Karina Kravtsova Kyiv National University of Technologies  
Victoria Kernesh and Design, Ukraine  
Analysis of the leather waste market and ways to solve them
- 5 Valery Belova Kyiv National University of Technologies  
Tetyana Dzykovych and Design, Ukraine  
Development of an assortment of haberdashery products from knitted fabrics
- 6 Natalya Borshchevska Kyiv National University of Technologies  
Natalia Pervaya and Design, Ukraine  
Oleksiy Khutko  
Development of design and construction of relaxation shoes for travel
- 7 Timofey Lipskyi Kyiv National University of Technologies  
Natalya Borshchevska and Design, Ukraine  
Ivan Ishchenko  
The use of hand-threaded stitches in premium leather products
- 8 Daria Kaptyurova Kyiv National University of Technologies  
Liliya Chertenko and Design, Ukraine  
Oleksandr Bondar  
Possibilities of using additive technologies for the footwear industry

### 3. Innovations in the training of specialists for the textile and light industry

**Moderator:** head by the department of POSTD, doctor of technical sciences, prof. Tatyana Derkach

**Secretary:** associate professor of the department of post-traumatic sciences, Ph.D., Assoc. Rima Kyrychenko

- 1 Louise Martin Birmingham City University, Great Britain  
Natalie Martin  
The innovation in training for the textile and fashion industry
- 2 Tetiana Derkach Kyiv National University of Technologies and Design, Ukraine  
The competencies for the formation of the future specialist of sustainability education
- 3 Eija SALMI Cumulus Association, Finland  
Participating to listen . can have a warm address on behalf of Cumulus, KNUTD is a full member
- 4 Daria Koval Kyiv National University of Technologies and Design, Ukraine  
The role of practical jobs in the professional training of future qualified workers
- 5 Olga Vnukova Kyiv National University of Technologies and Design, Ukraine  
Tatiana Cherchenko  
Professional direction of future teachers of institutions of vocational education of sewing profile
- 6 Olga Vnukova Kyiv National University of Technologies and Design, Ukraine  
Olena Ivanova  
Морально-патріотичне виховання майбутніх робітників фешн індустрії через етичний вимір
- 7 Inna Salyuk Kyiv National University of Technologies and Design, Ukraine  
Automated design of clothes for the training of tailors
- 8 Tatiana Gots Kyiv National University of Technologies and Design, Ukraine  
Creative tasks for the formation of the ability of garment industry specialists to work in conditions of sustainable
- 9 Inga Yermak <sup>1</sup> <sup>1</sup> Kyiv National University of Technologies and Design, Ukraine  
Olga Galchynska <sup>2</sup> <sup>2</sup> Mykhailo Boychuk Kyiv State Academy of Decorative and Applied Arts and Design, Ukraine  
Analysis of graphic editors for creating artistic images of the virtual world
- 10 Inga Yermak Kyiv National University of Technologies and Design, Ukraine  
Mykola Osypchuk  
Virtual reality in the education system
- 11 Maria Artemenko Kherson National Technical University, Ukraine  
Education of culture of reasonable consumption in the training of fashion designers as a factor of sustainable development
- 12 Andriy Korkushko Kyiv National University of Technologies and Design, Ukraine  
Knauf design of overalls for installers of plasterboard structures

**The Organizing Committee expresses sincere gratitude  
to all speakers and participants!**

<http://en.kyivtextfashion.knutd.edu>



## «KyivTex&Fashion»

*We are pleased to invite you to participate  
VI International Scientific-Practical Conference  
in textile and fashion*

**Date: October 20, 2022**

**Venue: Kyiv National University of Technologies & Design (Ukraine, Kyiv, 2, Nemirovich-Danchenko str., Academic Council Hall)**

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, sections on a variety of topics, poster presentations and social program.

#### CONFERENCE ORGANIZERS:

- Ministry of Education and Science of Ukraine,
- Kyiv National University of Technologies and Design, Ukraine
- Khmelnytsky National University, Ukraine
- Kherson National Technical University, Ukraine
- Akaki Tsereteli State University, Georgia
- Polytechnic University of Tirana, Albania

### DEADLINES

**February 1, 2022** – the beginning of on-line registration

**October 10, 2022** – the submission of abstract

**October 15, 2022** – Notification of acceptance

**October 20, 2022** – Payment of participation fee

**October 20, 2022** – Registration of participants and the opening of Conference

**For future participation in the VI International Scientific and Practical Conference of Textile and Fashion**  
contact Organizing Committee:

e-mail: [kyivtextfashion@knutd.edu.ua](mailto:kyivtextfashion@knutd.edu.ua)

Nemyrovycha-Danchenko str., 2, office 1-0365  
Kyiv, 01011, UKRAINE