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Ministry of Education, Science and Technological Development  
of the Republic of Serbia

ZDRAVLJE AD Leskovac; Nevena Color doo, Leskovac; DCP HEMIGAL, Leskovac;

SHIMADZU doo, Beograd; DSP Chromatography d.o.o., Beograd;

BIM TEX doo, Leskovac; ELIXIR Prahovo; HEMOLAB d.o.o., Beograd; SUPERLAB, Beograd;

ANALYSIS d.o.o., Beograd; Leskovac Cultural Center;

KNAUF INSULATION, Surdulica; IGM MLADOST doo, Leskovac;

CRÉDIT AGRICOLE, Leskovac; Komercijalna banka, Leskovac; DUNAV AD, Grocka;

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Marina Nikolić, Leskovac, Serbia

## The Organizing Committee

## Platform

### **Thursday**

October 19, 2017

### Faculty of Technology

19,00 - 20,00

Distribution of materials and payment of registration fee

### **Friday**

October 20, 2017

### Faculty of Technology

08,00 - 09,30

Distribution of materials and payment of registration fee

### Leskovac Cultural Center

Opening ceremony

Moderator:

10,00

Ljubiša Nikolić, Miodrag Lazić, Dragana Randelović

10,30

Cocktail

Plenary Lecture

Moderator:

Nada Nikolić, Predrag Rašković

Darko Goričanec

11,00 - 11,45

(University of Maribor, Faculty of Chemistry and Chemical Engineering, Maribor, Slovenia)

EXPLOITATION OF LOW-TEMPERATURE ENERGY SOURCES FROM  
COGENERATION GAS ENGINES

Zoran Zeković

11,40 - 12,10

(University of Novi Sad, Faculty of Technology, Department of Biotechnology  
and Pharmaceutical Engineering, Serbia)

OUR EXPERIENCE IN SUPERCRITICAL FLUID EXTRACTION PROCESSES –  
SUPERCRITICAL CARBON DIOXIDE AND SUBCRITICAL WATER

13,00 - 15,00

Lunch break

Plenary Lecture

Moderator:

Ivana Banković Ilić, Ivana Karabegović

Olivera Stamenković

15,00 - 15,30

(University of Niš, Faculty of Technology, Leskovac, Serbia)

THE DEVELOPMENT AND PERSPECTIVES OF BIODIESEL PRODUCTION  
PROCESSES

15,40 - 16,10  
Predrag Vukosavljević  
(University of Belgrade, Faculty of Agriculture, Institute for Food Technology and Biochemistry,  
Belgrade, Serbia)  
MODERN TRENDS IN PRODUCTION OF FRUIT JAMS, JELLIES  
AND MARMALADES

## Leskovac Cultural Center

16,10 - 18,30  
Poster exhibitions  
**Section for Organic Chemical technology and Polymer engineering**  
**Section for Section for Chemical and Environmental engineering**

18,00 - 18,30  
Discussions

## Higher Business School

Section Lecture  
**Section for Socio-economic implications of innovations  
and new technologies**

Moderator: Ivan Mihailović

Dragana Randelović, Tadija Đukić, Jelena Krstić Randić

(Higher Business School, Leskovac, Serbia; Faculty of Economy, Nis, Serbia)

15,00 – 15,30  
THE IMPACT OF INFORMATION TECHNOLOGY ON THE CONVERGENCE  
OF FINANCIAL ACCOUNTING AND MANAGEMENT ACCOUNTING

15,30 – 19,30  
Oral Presentations

## **Saturday**

October 21, 2017

## Leskovac Cultural Center

Plenary Lecture

Moderator: Suzana Cakić, Dragan Cvetković, Dušan Trajković

Jasna Čanadanović-Brunet, Gordana Četković, Vesna Tumbas Šaponjac

(University of Novi Sad, Faculty of Technology, Novi Sad, Serbia)

10,00 – 10,30  
ORGANIC COMPOUNDS WITH ANTIOXIDANT ACTIVITIES

Suzana Erić

(University of Belgrade, Faculty of Mining and Geology, Belgrade, Serbia)

10,40 – 11,10  
THE APPLICATION OF SEM-EDS METHOD IN FOOD AND  
TEXTILE TECHNOLOGIES AND ITS LIMITATIONS

11,30 – 12,00	Vineta Srebrenkoska (Faculty of Technology, University Goce Delcev, Stip, Macedonia) <b>POLYMER ECO-COMPOSITES: PREPARATION AND RECYCLING</b>
12,30 – 13,30	Poster exhibitions <b>Section for Biotechnology and Food technology</b> <b>Section for Textile technology</b>
13,30 – 14,00	Discussions
14,00	Closing Symposium

# Section

## TEXTILE TECHNOLOGY

### Posters

#### TT 1

Dragana Grujić, Aleksandar Savić, Ljiljana Topalić-Trivunović, Ana Velemir,  
Mladen Stančić, Branko Neral

THE INFLUENCE OF ANTIMICROBIAL PRINTING ON THERMAL PROPERTIES OF KNITTED FABRICS

#### TT 2

R. Petrović, Z. Petrović, P. Dugić, J. Penavin-Škundrić, D. Bodroža

REMOVAL OF TEXTILE COLOR FROM AQUEOUS SOLUTION BY USING BENTONITE

#### TT 3

Teodora Hajnrih, Ana Kramar, Marina Knežević, Matea Korica, Tanja Nikolić, Mirjana Kostić  
SORPTION AND MECHANICAL PROPERTIES OF COTTON OXIDIZED WITH POTASSIUM PERMANGANATE

#### TT 4

Biljana Lazić, Svjetlana Janjić, Mirjana Kostić

EFFECT OF HYDROGEN-PEROXIDE TREATMENT ON THE TENSILE STRENGTH AND WHITENESS  
INDEX OF FLAX FIBERS

#### TT 5

Nebojša Ristić, Vladica Blagojević, Ivanka Ristić

REMOVAL OF HYDROLYZED BIFUNCTIONAL REACTIVE DYES FROM COTTON FABRIC AFTER DYEING

#### TT 6

Ivanka Ristić, Brankica Arandelović, Nebojša Ristić

FINISHING OF COTTON FABRICS BY A COMBINATION OF PRECONDENSATE AND BIOPOLYMERS

#### TT 7

Tatjana Šarac, Jovan Stepanović, Nenad Ćirković, Nataša Radmanovac

THE INFLUENCE OF WEAVE ON FABRIC DRAPING

#### TT 8

Sandra Stojanović, Nenad Ćirković, Tatjana Šarac, Nataša Radmanovac

CHARACTERISTICS OF KNITTED FABRICS INTENDED FOR THE PRODUCTION OF SPORTSWEAR

#### TT 9

Nataša Radmanovac, Nenad Ćirković, Olivera Mladenović, Dušan Trajković

CHANGING OF STRUCTURAL CHARACTERISTICS AND GEOMETRIC SHAPE OF KNITTED FABRICS DEPENDING ON  
THE INPUT YARN FORCE DURING KNITTING

#### TT 10

Petar Stojanović, Dušan Trajković, Nataša Radmanovac, Jovana Stepanović

DEFINING LIMIT LOADS OF TEXTURED PES FILAMENT YARN

#### TT 11

Petar Stojanović, Dušan Trajković, Miodrag Stamenković, Jovan Stepanović

INVESTIGATION OF THE INFLUENCE OF TEXTURING PARAMETERS ON CRIMPING CHARACTERISTICS  
OF TEXTURED POLYESTER YARN

#### TT 12

Danka Joksimović, Vasilije Petrović, Anita Milosavljević, Marija Pešić

THERMAL CONDUCTIVITY OF BLEACHED AND DYED POLYESTER KNITTED FABRICS

**TT 13**

Danka Joksimović, Vasilije Petrović, Anita Milosavljević, Marija Pešić  
THERMAL RESISTANCE OF BLEACHED AND DYED POLYESTER KNITTED FABRIC

**TT 14**

Marija Pešić, Vasilije Petrović, Danka Joksimović, Anita Milosavljević  
THE ANALYSIS OF COLDNESS/WARMTH FEELING OF THE, COTTON RIB KNITWEAR

**TT 15**

Milena Miljković, Dušan Trajković, Sanja Mitić, Miljana Rubežić,  
Aleksandra Malovac  
CIELAB CHARACTERIZATION OF DYED POLYESTER KNITWEAR IN ONE-COMPONENT DYEING SYSTEM

**TT 16**

Sashka Golomeova, Goran Demboski  
INVESTIGATION OF SEAM PERFORMANCE USING TWO DIFFERENT METHODS

**TT 17**

Silvana Zhezhova, Aco Janevski, Sonja Jordeva, Darko Andronikov, Kiro Mojsov  
APPAREL INDUSTRY IN MACEDONIA, CONDITIONS AND CHALLENGES

**TT 18**

Miroslav Petrov, Mariel Penev, Daniel Angelov  
GRAPHICS OPTIMIZATION AT REGIONAL RESTRICTIONS ON TECHNOLOGICAL PARAMETERS  
OF SEWING PRODUCTS

**TT 19**

Marija Stojanović Krasić, Slavica Jovanović, Ana Mančić, Snežana Đorić Veljković  
LIGHT PROPAGATION THROUGH THE SYSTEM OF TWO NONLINEAR ONE-DIMENSIONAL STRUCTURALLY  
DIFFERENT PHOTONIC LATTICES

**TT 20**

Miloš Sorak, Dragić Miroslav, Snežana Urošević, Boris Valjevac  
DEVELOPMENT OF QUALITY MANAGEMENT SYSTEM PROJECTION AND IMPLEMENTATION  
METHODOLOGY ACCORDING TO ISO 9001:2015 STANDARD