

Sveučilište u Zagrebu / University of Zagreb
Tekstilno-tehnološki fakultet
Faculty of Textile Technology



Scientific Research Center for Textiles (TSRC)

SCIENCE POPULARIZATION

Event: **OPEN DAY OF THE SCIENTIFIC RESEARCH CENTER
FOR TEXTILES 2026.**

**OPEN DAY OF THE DEPARTMENT OF TEXTILE
CHEMISTRY AND ECOLOGY**

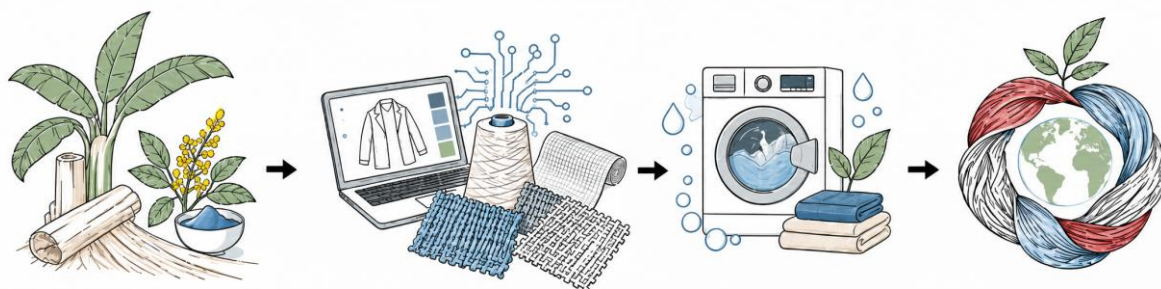
Theme: **INTERDISCIPLINARY & INNOVATIVE TEXTILE ECOSYSTEMS**

Format: Hybrid: *on-site* and *online*

Date: **29 September 2026.**

Time and venue: 9:30-12:45 Technical Museum Nikola Tesla
13:00-15:00 Department of Textile Chemistry and Ecology,
Faculty of Textile Technology, University of Zagreb; Savska
cesta 16/9

Organizer: University of Zagreb Faculty of Textile Technology,
Scientific Research Center for Textiles (**TSRC**)



PROGRAM: Interdisciplinary & Innovative Textile Ecosystems

9:00-9:30 *Registration*

Section 1

9:30-9:45 OPENING REMARKS

9:45-10:00 **INTERDISCIPLINARITY: THE DRIVING FORCE OF FUTURE INNOVATIONS IN THE EUROPEAN TEXTILE INDUSTRY**
Marina Crnoja Ćosić: MCC INNOVARE

10:00-10:15 **ALGORITHMS WITH STYLE: HOW GENERATIVE ARTIFICIAL INTELLIGENCE REDEFINES FASHION AND DESIGN**
Tomislav Rolich, TTF

10:15-10:30 **BANANA PSEUDOSTEM EXTRACT AS A POTENTIAL FOR ECOLOGICAL TEXTILE TREATMENT AND PROTECTION**
Lea Botteri, TTF

10:30-10:45 **SYNERGY OF TEXTILE CARE PROCESS PARAMETERS**
Katia Grgić, Bijeli svijet

10:45-11:30 *Coffee break and exhibition area promenade*

Section 2

11:30-11:45 **TEXTILES IN THE DEFENCE AND SECURITY INDUSTRY**
Jacqueline Domjanić, HRVATSKO VOJNO UČILIŠTE „DR. FRANJO TUĐMAN“

11:45-12:00 **INTERDISCIPLINARITY AND INNOVATIONS IN KNITWEAR DEVELOPMENT**
Julija Božan, GALEB

12:00-12:15 TSRC AWARD, STUDENT CATEGORY
FROM PLANT TO BLUE TEXTILE – AN INTERDISCIPLINARY STORY OF ISATIS TINCTORIA L.
Klarisa Čop, TTF

12:15-12:30 TSRC AWARD, DOCTORAL CANDIDATE CATEGORY
COTTON WITH NATURAL ACTIVE COMPOUNDS ENGINEERED BY MODERN TEXTILE TECHNOLOGY
Ana Palčić, TTF

12:30-12:45 **CONCLUSIONS**

Section 3

13:00-15:00 *Open Day of the Department of Textile Chemistry and Ecology with refreshments, Savska 16/9*

*We look forward to welcoming you to this year's
TSRC 2026 Open Day*

TSRC Organizing Committee



DIRECTIONS TO THE DEPARTMENT OF TEXTILE CHEMISTRY AND ECOLOGY

LOCATION: [HTTPS://MAPS.APP.GOO.GL/XPTJUFUYKUJGTLAG7](https://maps.app.goo.gl/XPTJUFUYKUJGTLAG7)

