



TBIS

TBIS 2026

August 25-28

**The 19th Textile Bioengineering
and Informatics Symposium**

Textile Innovations for Human-Centred Sustainable Fashion

*-Reshape fashion culture and lifestyle through
digitalisation and design innovations*



www.tbisociety.org (click Symposium)

SYMPOSIUM

TBIS is aiming to set up a unique global stage and platform for people working in the whole supply chain from from fibres, yarns, fabrics, apparel and technical textiles to relevant service industries such as biomedical industry, fashion industry and sport industry with common interests in providing high quality of products and services for protection, health, performance and comfort of human populations living in various environments and exposing to various natural and human disasters.

TBIS 2026 is a peer-reviewed conference.

REGISTRATION

- Early bird registration deadline: May 15, 2026

Save up to 20% - don't miss out!

CONTACT

TBIS 2026 Secretariat

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TBIS 2026 Hybrid conference

Webinar: online via Zoom

Onsite : Lilliad – Cité Scientifique, University of Lille,

2 Av. Jean Perrin, 59650, France

www.univ-lille.fr/en/

LANGUAGE

The official language is English.

Please refer to TBIS 2026 official website for more information:
www.tbisociety.org (click Symposium)

Registration category (Deadline: July 15, 2026)	Regular (USD)		Student (USD)	
	Online/ZSTU	Lille, France	Online/ZSTU	Lille, France
Participants with full paper	590	865	535	745
Participants with Abstract or Poster	390	620	275	495
Attend as audience only	340	425	225	310

Important: ((Currency is in USD, if pay in a different currency please check the exchange rate on the day)

- Early Bird Registration: Complete the registration on or before April 30, 2026, enjoy 10% discount.

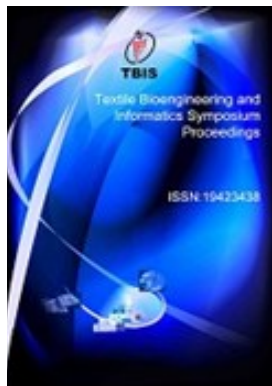
- TBIS member, Reviewer listed in the TBIS 2025 proceedings, Supporting Institute and invited speakers: enjoy additional 10%.

- For authors who submit paper and abstract, payment made must be within 14 days from the date of receiving the PAN/AAN in order for your paper and abstract to be included in the program.

MAIN TOPICS

- 1. Material Bioengineering:** Novel materials, biomaterials, biomass materials, macromolecules, nano materials and smart materials, fibers, yarns, fabrics, nonwovens, composite materials and functional meta materials, modeling and simulation, testing methods and standards
- 2. Thermal Bioengineering:** fabric and clothing thermal functional design and product development, manufacturing technology for thermal comfort, thermal physiology, health, heat/cold stress, hygiene, heat/cold protection, temperature regulation and blood pressure distributions, sports and ergonomics, firefighting heat protection, modelling and simulation, thermal management, testing methods and standards
- 3. Mechanical Bioengineering:** fabric and clothing biomechanical functional design and product development, testing methods, evaluation, manufacturing technology for biomechanical function and comfort, body motion and stresses/strains, skin pressure and blood circulation, mechanical protection, firefighting mechanical protection, sports biomechanics and protection, modeling and simulation, testing methods and standards
- 4. Sensory bioengineering:** fabric and clothing sensory design and product development, testing methods, evaluation, manufacturing technology for sensory comfort, hand and skin perceptions, AI haptics, neurophysiology, ergonomics, modeling and simulation, testing methods and standards
- 5. Aesthetic Bioengineering:** fashion design, fabric and clothing aesthetic design and product development, AI enabled creative design, digital fashion, modeling simulation, CAD, patterning, fitting and virtual fitting, virtual fashion show, clothing engineering, modeling and simulation, testing methods and standards, fashion accessories design, fashion media design
- 6. Medical Bioengineering:** Biomedical materials from molecules, nano materials, fiber, yarns to fabrics, tissue engineering, drug delivery, medical implants, medical textiles and biomedical devices, modeling and simulation, testing methods and standards

- 7. Electronic Bioengineering:** electric conductive and semiconductive materials, electronic fibers, e-yarns, e-fabrics and e-textiles, wearable electronic technologies wearable devices, electronic fashion products, digital health, IoT devices, modeling and simulation, monitoring technologies, methods and standards
- 8. Ecological Bioengineering:** clean manufacturing technology, textile environmental footprints, carbon footprint, circularity, textile sustainability regulations, policies and standards, manufacturing process sustainability monitoring, auditing and certification, company ESG auditing and compliance, ecological technology roadmap, Methods and standards
- 9. Manufacturing Technology Bioengineering:** advanced manufacturing technology, machines and processing equipment and devices: fiber spinning, yarn spinning, weaving, knitting, dyeing and finishing, clothing manufacturing, manufacturing processing automation and digitization, production line monitoring and digital twins, Industry 5.0, methods and standards
- 10. Informatics Bioengineering:** value chain digitization, supply chain digitization, supply chain digital twin, supply chain traceability, material and processes databases, AI modelling and simulation, monitoring technologies, digital product passports, digital supply chain ecosystem, AI driven supply chain business models and supply chain management, B2B2C market intelligence, data driven AI decision supply systems, methods and



All accepted papers in conference proceedings will be collected and can be free downloaded. The proceedings will apply for Scopus / Ei Compendex / CNKI. High quality papers after peer review will be selected for publication in Journal of Fiber Bioengineering and Informatics and other outstanding journals.



FULL PAPER/ABSTRACT SUBMISSION

Submission deadline : May 31, 2026 Extended

Remark: All the papers / abstracts will be reviewed and assessed by the International Scientific Committee before acceptance letters are issued. Upon receiving formal registration with registration fee paid, the papers will be sent out for peer review. Final acceptance for publication in the proceeding is subject to satisfactory revision according to the reviewer comments.

Paper/Abstract Acceptance Notification

(PAN/AAN) Extended: June 15, 2026

PAPER SUBMISSION

Submit online in given format in MS Word, the length of the paper is 6-8 pages (Reference page not included)

ABSTRACT SUBMISSION

Submit online in given format in MS Word, it will be included in the conference program book, and presented in format of Oral or Poster presentation.

Item	Topic of the Forums
1	1.1 TBIS-IGS Forum 1.2 FBD-DPP use-case Forum
2	Human-Centered Intelligent Manufacturing for Textile and Fashion
3	Safety, Health, Protective Clothing, and Methodological Innovation for Human-Centered Textile Safety Systems
4	Textile sport bioengineering: sports physiology, sports performance, sports functional requirements, etc
5	Textile Clean Technology and Sustainable Development (TCTS)
6	Digital Technologies Empower Healthy Living: Intelligent Digital Homes, Biological Detection, and Intelligent Information Systems
7	Textiles for Emergency Rescue and Safety Protection
8	The Application of AI in the Textile and Apparel Industry
9	The Forum on Bio-based, Sustainable, Green and Circular
10	《Advanced Textile Technology》 and 《Journal of Fiber Bioengineering and Informatics》 (JFBI) Editorial Board Meeting