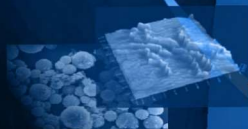




Textile Bioengineering and Informatics Society

**Advancing Textile
Bioengineering
Informatics**



About TBIS

Who We Are

The Textile Bioengineering and Informatics Society (TBIS) is an international non-profit academic organization promoting interdisciplinary collaboration across textile science, bioengineering, information technology, health science and innovation research. Founded in 2008, TBIS has grown to over 2,300 individual and institutional members from more than 40 countries and regions, including The University of Manchester, University of Lille, Donghua University, and other leading universities, enterprises and research institutions worldwide.

Our Mission

By integrating developments in fiber, textile and apparel technologies, TBIS promotes interdisciplinary exploration of their influence on human biology, medicine, behavior, health and living environments, driving innovation toward a healthier and more sustainable future.

Core Activities

- International conference and academic forums
- Publication (Journal of Fiber Bioengineering and Informatics, Textile Bioengineering and Informatics Symposium Proceedings)
- International Group Standard
- Industry collaboration

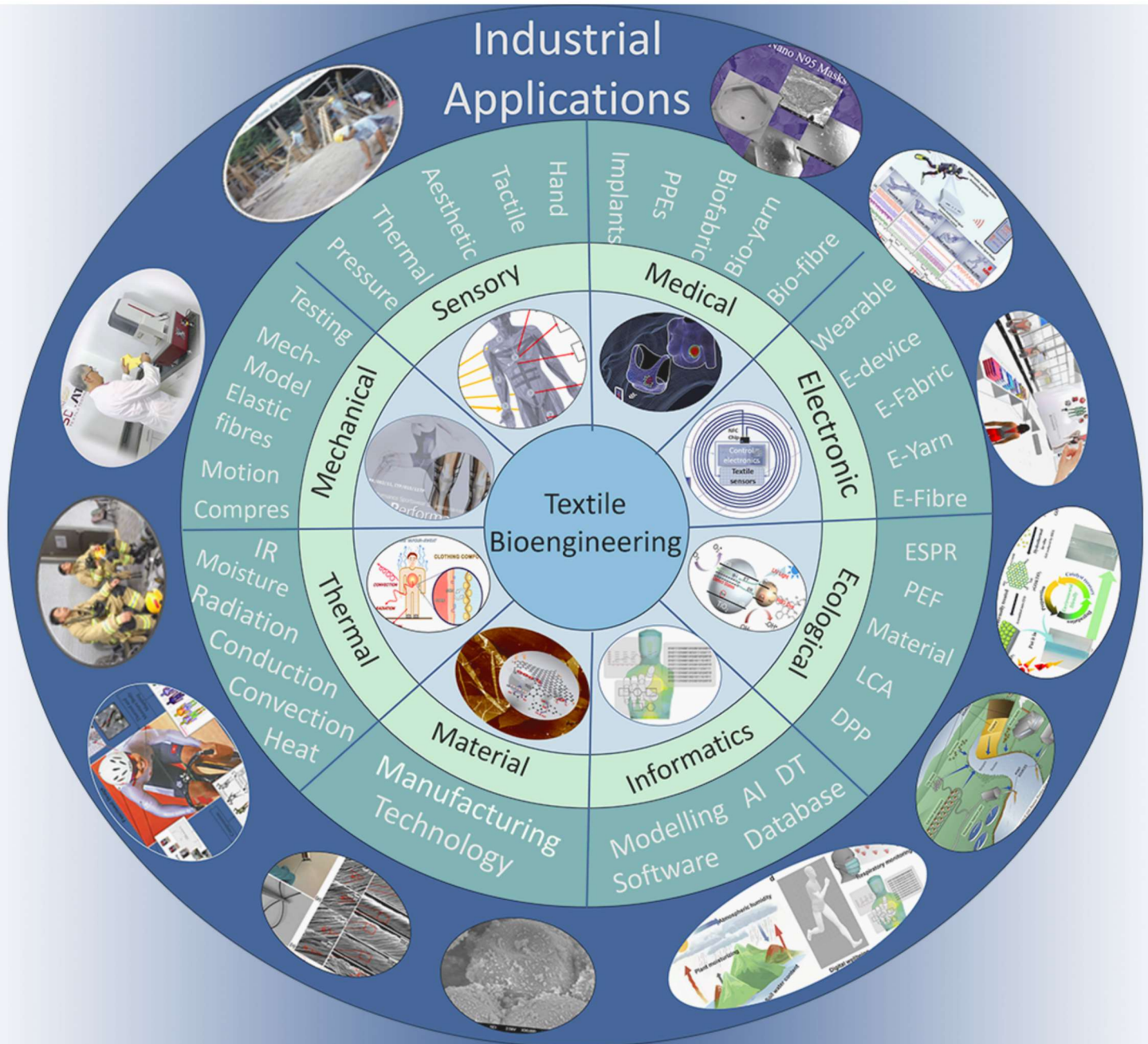
Research Areas

- Material Bioengineering
- Thermal Bioengineering
- Mechanical Bioengineering
- Sensory Bioengineering
- Aesthetic Bioengineering
- Medical Bioengineering
- Electronic Bioengineering
- Ecological Bioengineering
- Manufacturing Technology Bioengineering
- Informatics Bioengineering



Scan the code to view
TBIS 2025 video

What is Textile Bioengineering?



Where textiles meet biology, and informatics drives innovation.

Textile bioengineering is the integration of physical, chemical, mathematical, and computational sciences and engineering principles to design and engineer fibers and textiles for achieving biomedical functions. It advances fundamental concepts; creates knowledge from the molecular to the textile fiber-body systems; and develops innovative materials, fibers, devices, and apparel products for healthy and quality lifestyles with functions of protection, prevention, diagnosis, and treatment of disease, and for improving health.

- from TBIS founding chair Prof. Yi Li (University of Manchester, UK)

About JFBI



Textile Bioengineering and Informatics Society (TBIS)

TBIS was established in 2007 and is formally registered in Manchester and Hong Kong. It is a non-profit charitable organization dedicated to the bioengineering of materials, fibres, and textiles, and to studying how textiles and clothing influence human biology, medicine, behaviour, health, and living environments. Its core activities span three key areas: academic journals, group standards development, and international conferences.

Since 2025, TBIS has collaborated with China Textile Engineering Society to jointly develop and publish Digital Product Passport (DPP) group standards. In addition, TBIS launched the Textile Bioengineering and Informatics Symposium in 2008, which has been held annually for 18 consecutive editions. The proceedings of these symposiums are indexed in major databases, including SCOPUS/EI, CPCI/ISTP, and CNKI.

Over the years, TBIS international conferences have established strong collaborations with leading textile universities and research institutions worldwide.



Zhejiang Textile Engineering Society (ZTES)

Founded in 1957, ZTES is an academic, public-interest, non-profit legal entity supervised by Zhejiang Association for Science and Technology and registered with Zhejiang Civil Affairs Bureau. It co-hosts the journal Advanced Textile Technology (ATT) with Zhejiang Sci-Tech University (ZSTU) and manages the English-language journal Journal of Fiber Bioengineering and Informatics (JFBI).

ZTES serves as both the founding and secretariat unit of Zhejiang Association for Science and Technology's Consortium of New Materials and New Energy Societies. It has been recognised as a 5A-level social organisation in Zhejiang Province and as a national two-star group standard issuing entity under the Zhejiang Textile Standards (ZFB) framework.

JFBI

Journal of Fiber Bioengineering and Informatics (JFBI)

Journal of Fiber Bioengineering and Informatics (JFBI) was founded in 2008 (P-ISSN 1940-8676; E-ISSN 2617-8699). It is a quarterly, peer-reviewed, open-access academic journal co-hosted by TBIS and Zhejiang Sci-Tech University (ZSTU), organised by Zhejiang Textile Engineering Society (ZTES), and published by Global Science Press.

JFBI aims to promote interdisciplinary knowledge exploration and scientific research at the intersection of textiles, bioengineering, and informatics. The journal is currently indexed in Scopus, Google Scholar, and China Science and Technology Journal Database (CSTJD).

现代纺织技术

Advanced Textile Technology

Advanced Textile Technology (ATT)

Advanced Textile Technology (ATT) was founded in 1985 as a monthly journal. It is co-sponsored by Zhejiang Sci-Tech University and Zhejiang Textile Engineering Society, and is recognised as an authoritative core journal in the textile field in China.

ATT has been included in major national journal lists, including the National Chinese Core Journal List, the Chinese Science and Technology Core Journal List, the High-Quality Textile Journal (T2) List, and RCCSE China Core Academic Journals. It is also indexed in leading international databases such as SCOPUS, EBSCO, WJCI, COAJ, JST, CSA, CA, and SCD.

The journal has been selected as a "Model Case of Innovative Development in Zhejiang Provincial Science and Technology Journals" and has received honours including "Outstanding Science and Technology Journal of Chinese Universities" and "Outstanding Science and Technology Journal of Zhejiang Province."

With a focus on advanced textiles and interdisciplinary research, ATT shares a joint editorial board with Journal of Fiber Bioengineering and Informatics (JFBI) and is committed to serving as a key international platform for textile science and technology.



TBIS



ZTES



JFBI



ATT

Memorable Moments Across the Years

Over the years, TBIS has grown into a international platform where researchers, educators and industry leaders exchange ideas and advance textile science. Each symposium showcases innovation, breakthroughs and collaboration across disciplines.



TBIS 2008

Hong Kong, China

Sports • Health• Eco• Function• Sportswear
Creative Design

Hong Kong, China
Textile Bioengineering



TBIS 2009



TBIS 2010

Shanghai, China

Green Textiles, Healthy Life

Beijing, China
Advanced Textiles, Fashion Industry



TBIS 2011



TBIS 2012

Shinshu, Japan

Creating New Fiber/Textile Science and
Technology through KANSEI and
Bioengineering

Xi'an, China
Green, Health, Ecology, Bioengineering



TBIS 2013



TBIS 2014

Hong Kong, China

Innovations in Protection, Health and
Sustainability

Zadar, Croatia
Globalisation Innovation



TBIS 2015



TBIS 2016

Melbourne, Australia

Globalized Innovations



TBIS 2017

Wuhan, China
Globalized Innovations

Manchester, UK
Advanced Materials and Smart Wearables



TBIS 2018



TBIS 2019

Suzhou, China
Advanced Materials and Smart Wearables

Webinar
Combating COVID-19 Pandemic with
Science and Technology Innovations



TBIS 2020



TBIS 2021

Webinar
Advanced Materials • Smart Wearables •
Industry 4.0

Webinar
Sustainability of Textile Industry in Post
Pandemic Era



TBIS 2022



TBIS 2023

Poznan, Poland
Textile Digitization • Sustainability • Health

Daegu, Korea
Textile Sustainability—Ecology—Health



TBIS 2024



TBIS 2025

Hangzhou, China
Sustainable Innovations for Future Textiles

Lille, France
Globalized Innovations
(Coming Soon...)



TBIS 2026

Join TBIS Now!

Let us advance TBIS - not merely as a not-for-profit organization, but as a global platform for good. Let our research clothe the sick and vulnerable, give comfort to the public, and protect our community and the environment.

- from TBIS World President Prof. Xungai Wang. (Zhejiang Sci-Tech University, China)



Scan the QR code on the right to join us.



Across Six Continents, Building a New Ecosystem for Textile Biotechnology

TBIS brings together experts, scholars, and industry leaders from 45 countries and regions across 6 continents, forming a diverse and open international collaboration network. Our members span Asia, Europe, North America, Oceania, South America, and Africa — creating a truly cross-regional, cross-cultural academic community.

Connecting the World, Shaping the Future

From Eastern industrial expertise to Western innovation, TBIS builds a borderless bridge for all who share a passion for the future of textile biotechnology.

Europe

Prof. Jiri Militky (Technical University of Liberec, Czech Republic)
 Prof. Rajesh Mishra (Technical University of Liberec, Czech Republic)
 Prof. Budimir Mijovic (University of Zagreb, Croatia)
 Prof. Malgorzata Zimniewska (Natural Fibres and Circular Bioeconomy Expert, Poland)
 Prof. Henry Yi Li (University of Manchester, UK)
 Tim Jun Li (Digiclo limited, Ireland)
 Prof. Xianyi Zeng (Ensaï School, University of Lille, France)

Oceania

Prof. Lijing Wang (RMIT University, Australia)

Asia

Prof. Seung Kook An (Pusan National University, Korea)
 Prof. Kanji Kajiwara (Shinshu University, Japan)
 Asso. Prof. KyoungOk Kim (Shinshu University, Japan)
 Prof. Tamaki Takada Mitsuno (Shinshu University, Japan)
 Prof. Xungai Wang (Zhejiang Sci-Tech University, China)
 Prof. Juming Yao (Zhejiang Sci-Tech University, China)

North America

Prof. Guowen Song (Iowa State University, USA)
 Prof. Bingqing Wei (University of Delaware, USA)
 Dr. Subramanian Senthilkannan Muthu (Green Story, Canada)
 Prof. Emiel Den Hartog (North Carolina State University, USA)
 Prof. Uwe Reischl (Boise State University, USA)

Why is TBIS so unique?

- It is multidisciplinary platform for specialists from different fields connected with use and applications of textile-based materials.
- It joins classical topics and advances new area connected with development of society.
- It promotes cross-thinking and scientific growth of young specialists as PhD students mainly.
- It offers opportunity to meet and discuss with worldwide known person.
- It reacts quickly on hot topics important for current society.
- It provides visions for future development.
- It is closely connected with dissemination of information because it is in Scopus database.

-from TBIS council member Prof. Jiri Militký (Technical University of Liberec, Czech Republic)



TBIS for you, with you!

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Directors: Maiwang Li, Qizheng Li,

Yi Li, Juming Yao, Xungai Wang.