ICAFPM2025

PRELIMINARY PROGRAM of ICAFPM 2025

【Forum K】ICAFPM 2025 纤智汇:女性材料创新论坛 XianZhiHui: Women in Materials Innovation Forum

XianZhiHui: Women in Materials Innovation Forum

Nov. 1, 2025 Afternoon （下午）

Venue: Room Yuehua 1

Time	Type	Speaker	Title	Affiliation
13:15-13:30	Opening and Welcoming Speech			
Session A	Moderator: Brigitte Voit (Leibniz Institute of Polymer Research Dresden, Germany)			
13:30-13:55	Plenary Lecture	陆琰 Yan Lu	Exploration of Cathode Materials for Li-S Batteries	德国亥姆霍兹柏林能源与材料研究中心 Helmholtz-Zentrum Berlin for Materials and Energy
Session B	Moderator: Xin Xie (China Women's Association For Science and Technology)			
13:55-14:10	Themed talk	王栋 Dong Wang	Unlocking Innovation: How Institutional Support Empowers Women Scientists	武汉纺织大学 Wuhan Textile University
14:10-14:25	Themed talk	王琳 Lin Wang	The Growth of Women Scientists: Insights from Social Support Organizations and Award Experiences	华中科技大学附属协和医院 Union Hospital Tongji Medical College Huazhong University of Science and Technology
14:25-14:40	Themed talk	王伟 Wei Wang	She Shapes Science: Data-Driven Insights on Women's Impact and the Future of Materials Innovation	爱思唯尔 Elsevier
14:40-15:00	**Coffee Break（茶歇）**			
Session C	Moderator: Yan Lu (Helmholtz-Zentrum Berlin)			
15:00-15:15	Themed talk	Brigitte Voit	Gender, Science, and Policy: Insights from Women Researchers in Germany	德累斯顿莱布尼茨高分子研究所 Leibniz Institute of Polymer Research Dresden
15:15-15:30	Themed talk	朱丽萍 Liping Zhu	Current Situation of Women Scientists in Materials Research: An Analytical Report	东华大学 Donghua University
15:30-15:45	Themed talk	江珊 Shan Jiang	Neuroengineering Materials: Innovation and Insights from Interdisciplinary Research	东华大学 Donghua University
Venue: Room Yuehua 1				

Session D	Moderator: Guosong Chen (Fudan University) / Wei Zhai (Northwestern Polytechnical University)			
16:00-16:45	Roundtable Discussion Module 1 Career Development and Innovation Capacity, Work Environment and Research Resources, Gender Challenges in the AI Era Panel Members HU Jing ((East China University of Science and Technology), JIN Jian (Soochow University) WANG Xiaohui (South China University of Technology), ZENG Hongbo (University of Alberta), ZHANG Meiyun (Shaanxi University of Science and Technology)			
16:45-17:30	Roundtable Discussion Module 2 Team Management and Student Development, Work–Family Balance, Policy Systems and Social Support Panel Members CHENG Chong (Sichuan University), LU Yan (Helmholtz-Zentrum Berlin for Materials and Energy) WANG Lin (Huazhong University of Science and Technology), XU Feng (Beijing Forestry University), ZHANG Yingying (Tsinghua University)			
Nov.2, 2025 Morning（上午）				
Venue: Room Yuehua 1				
7:30-8:20	Breakfast Meeting and Opening Speech (Meifang Zhu, Donghua University)			
Session A	Moderator: Yingying Zhang (TsingHua University) / Chong Cheng (Sichuan University)			
8:30-8:55	Plenary Lecture	曾宏波 Hongbo Zeng	Bio-Inspired Antifouling Surfaces Enabled by Tunable Intermolecular Interactions	阿尔伯塔大学 University of Alberta
8:55-9:15	Keynote	任俊莉 Junli Ren	Key Components Fractionation and Conversion of Plant Fibers under Solvent Influence	华南理工大学 South China University of Technology
9:15-9:35	Keynote	朱申敏 Shenmin Zhu	"Bioactive" Therapeutic Contact Lens Triggered by Biomimetic Structure	上海交通大学 Shanghai Jiao Tong University
9:35-9:50	Invited	郑宜君 Yijun Zheng	Biomimetic Hydrogels with Precisely Controlled Mechanical Cues	上海科技大学 ShanghaiTech University
9:50-10:05	Invited	石业娇 Yejiao Shi	Supramolecular Biomimetic Assembly of Peptide Nanofibrous Materials for the Repair and Regeneration of Infected Wounds	上海大学 Shanghai University
10:05-10:20	**Coffee Break（茶歇）**			
Session B	Moderator: Hongbo Zeng (University of Alberta, Canada) / Xiaohui Wang (South China University of Technology)			
10:20-10:40	Keynote	Hang Liu	Developing Multifunctional Fibers/Fabrics for Smart Wearables (Online)	Washington State University
10:40-11:00	Keynote	周时凤 Shifeng Zhou	Photonic Glass and Fiber	华南理工大学 South China University of Technology
11:00-11:20	Keynote	师丽 Li Shi	Generative Models for Material Discovery	清华大学 Tsinghua University
11:20-11:40	Keynote	杨忠强 Zhongqiang Yang	Redefining Soft Actuation with Liquid Crystal Elastomer Fibers	清华大学 Tsinghua University
11:40-11:55	Invited	孔淀淀 Tiantian Kong	All-Aqueous Microfluidics	深圳大学 Shenzhen University
11:55-12:10	Invited	陈凯丽 Kaili Chen	Translational Potential of a Polycaprolactone Electrospun Cord for Anterior Cruciate Ligament Reconstruction	牛津大学 University of Oxford

Nov. 2, 2025 Afternoon（下午）				
Venue: Room Yuehua 1				
Session A	Moderator: Junli Ren (South China University of Technology) / Shenmin Zhu (Shanghai Jiao Tong University)			
13:00-13:20	Keynote	黄琪瑶 Qiyao Huang	From Conductive Fibers to E-Textile Systems: Materials, Fabrication, and Applications	香港理工大学 The Hong Kong Polytechnic University
13:20-13:40	Keynote	张洁 Jie Zhang	Allosteric Self-Assembly of Helical Polymers with Amplified Circularly Polarized Luminescence	北京大学 Peking University
13:40-13:55	Invited	张彦华 Yanhua Zhang	Returning Materials to Nature: Innovations and Future Prospects of Biodegradable Materials	东北林业大学 Northeast Forestry University
13:55-14:10	Invited	杨璐铭 Luming Yang	Development of Anti-Slip Outsole for Ice Surfaces Based on Biomechanics and Composite Material Modification	四川大学 Sichuan University
14:10-14:25	Invited	卢芸 Yun Lu	Supramolecular Engineering Empowerment: Create a New Generation of Disruptive Bamboo-based Materials	中国林业科学研究院木材工业研究所 Wood Industry Research Institute
14:25-14:40	Invited	王金风 Jinfeng Wang	Recycling of Cotton-riched Textile Waste	武汉纺织大学 Wuhan Textile University
14:40-14:55	Invited	杨维冉 Weiran Yang	Research on the Biobased Dicarboxylic Acid Synthesis by Innovative Di-carbonylation Strategy	南昌大学 Nanchang University
14:55-15:10	Invited	孔维庆 Weiqing Kong	Pathways for Multiscale Deconstruction and High-Value Transformation of Cellulose	东华大学 Donghua University
15:10-15:20	**Coffee Break（茶歇）**			
Session B	Moderator: Jian Jin (Soochow University) / Jie Zhang (Peking University)			
15:20-15:35	Invited	张青 Qing Zhang	Exciton Properties and Nanophotonic Applications of Semiconductor Nanowires	北京大学 Peking University
15:35-15:50	Invited	吴凯 Kai Wu	Polymer Fibers with Inherently High Thermal Conductivity	四川大学 Sichuan University
15:50-16:05	Invited	徐凝 Ning Xu	Interfacial Solar Evaporation: Materials, Devices, and Applications	南京大学 Nanjing University
16:05-16:20	Invited	祝良芳 Liangfang Zhu	High-Efficiency Base-Free Synthesis of 2,5-Furandicarboxylic Acid Over Oxygen-Vacancy-Rich Ru-Based Catalysts	四川大学 Sichuan University
16:20-16:35	Invited	冯纯 Chun Feng	Donor-Acceptor p-Conjugated Nanofibers with Precise Composition and Morphology	华东理工大学 East China University of Science and Technology
16:35-16:50	Invited	官小玉 Xiaoyu Guan	Development of Leather Fiber-Based Thermoelectric Devices and Exploration of Their Energy-Autonomous Functional Applications	陕西科技大学 Shaanxi University of Science & Technology
16:50-17:05	Invited	Samica A Sadik	Investigation on Nettle (Urtica Dioica) Processing and Evaluation on Suitability to Modern Textiles Applications	University of Helsinki
Session C	Moderator: Brigitte Voit (Leibniz Institute of Polymer Research Dresden, Germany) / Huanping Zhou (Peking University) / Yanhua Cheng (Donghua University)			
		王瑞莉 Ruili Wang	Surface Modifications of Short Quartz Fibers and Their Applications in Dental Composites	东华大学 Donghua University

17:05-18:00	Flash talk	曾乐 Le Zeng	Manipulating Excited States in Multiphoton Photochemistry	南开大学 Nankai University
		黄雨婕 Yujie Huang	How the Structural Ordering of Interfacial Water Governs Heterogeneous Ice Nucleation — Atomistic Insights from Molecular Dynamics Simulations	上海大学 Shanghai University
		王玉冰 Yubing Wang	Structure-Property Correlations in Conjugated Microporous Polymers for Multifunctional Applications	西安交通大学 Xi'an Jiaotong University
		李璇 Xuan Li	A Comparative Analysis of the Crystallization Behavior and Performance Regulation	中国科学院化学研究所 Institute of Chemistry Chinese Academy of Sciences
		陈晴 Qing Chen	Development of Sweat Management Knitted Fabric	东华大学 Donghua University
		于晓晓 Xiaoxiao Yu	From 0 to 1: Hierarchical Chiral Structures In Fibers Induce Circular Polarized Luminescence of Achiral Luminophores	绍兴文理学院 Shaoxing University
		王曼 Man Wang	Influence of Intracellular Microenvironments on the Magnetothermal Behavior of Magnetic Nanoparticles	日本国家物质材料研究所 National Institute for Material Science
		张君妍 Junyan Zhang	Bacterial Cellulose Nanofibers as Tougheners for Fragile Aerogels	上海交通大学医学院松江研究院 Songjiang Institute of Shanghai Jiao Tong University