

【Forum I】ICAFPM 2025 Green and Sustainable Development
I. Forum 绿色可持续发展论坛

Topic: Green and sustainable development
Chairman: 1. Prof. Gang Sun, University of California Davis; 2. Chief Engineer, Feng Mei, National Advanced Functional Fiber Innovation Center; 3. Prof. Huaping Wang, Donghua University

Session 1 Nov. 01, 2025 Afternoon （下午） Venue: Room No. 悦贵厅 2

Moderator: Huaping Wang 王华平

Time	Type	Speaker	Title	Affiliation
13:30-14:00			Opening Remarks for the Sub-forum （分论坛开幕致辞） Commencement Ceremony of the Modern Industrial College （现代产业学院结业仪式）	Donghua University 东华大学
14:00-14:25	Keynote	Zuowan Zhou 周祚万	Research on Eco-friendly Extraction of Natural Cellulose and Novel Solvent Spinning Process 天然纤维素环保化提取和新溶剂纺丝工艺研究	Southwest Jiaotong University 西南交通大学
14:25-14:45	Invited	Junfeng Wang 王均凤	Novel Green Spinning Technology Using Ionic Liquids 离子液体绿色纺丝新技术	Institute of Process Engineering, Chinese Academy of Sciences 中国科学院过程工程研究所
14:45-15:05	Invited	Zengjun Li 李增俊	Development and Application of the Bio-based Chemical Fiber Industry During the 15th Five-Year Plan Period 十五五生物基化学纤维产业发展与应用开发	China Chemical Fibers Association 中国化学纤维工业协会
15:05-15:25	Invited	Jiankang Wang/ Hongjun Meng 王健康 / 孟红军	A Preliminary Study on Pain Points in User-Comfort and Livability Oriented Textiles 宜人宜居纺织品的痛点初探	Jiangsu Sanlian New Material Co., Ltd. 江苏三联新材料有限公司
15:25-15:45	Coffee Break （茶歇）			

Moderator: Zuowan Zhou 周祚万

15:45-16:10	Keynote	Li Shuai 帅李	Recombination of lignocellulosic biomass into moldable composites 木质生物质细胞壁重组制备可模压代塑复合材料	Fujian Agriculture and Forestry University 福建农林大学
16:10-16:30	Invited	Ruigang Liu 刘瑞刚	The dissolution mechanism and new solvents of cellulose 纤维素溶解机制和纤维素新溶剂	Institute of Chemistry, Chinese Academy of Sciences 中科院化学研究所
16:30-16:50	Invited	Yumei Zhang 张玉梅	Understanding and Evaluation of System Stability Issues in Lyocell Fiber Manufacturing Processes Lyocell 纤维制备过程中的体系稳定性问题认识与评测	Donghua University 东华大学

Moderator: Yumei Zhang 张玉梅

16:50-17:10	Invited	Zepeng Lei 雷泽芃	Sustainable materials enabled by biomass and dynamic covalent chemistry	South China University of Technology 华南理工大学
17:10-17:30	Invited	Lei Gong 龚磊	Value Discovery and Application Development of Polylactic Acid in the Textile and Apparel Sector 聚乳酸在纺织服装领域价值发现及应用开发	Ynagzhou Huitong Biological New Materials Co., Ltd. 扬州惠通生物新材料有限公司
17:30-17:50	Invited	Lingling Bian 卞玲玲	江苏洪泽经济开发区推介	
17:50-18:30	Poster Presentation （墙报展讲）			
18:30-20:30	Banquet （晚宴）			

Session 2, Nov. 02, 2025 Morning (上午) Venue: Room No. 悦贵厅 2

Moderator: Peng Ji 吉鹏

8:30-8:55	Keynote	Hao Cheng 程皓	Sustainable Development Pathways and Industrial Practices in China's Textile Industry 中国纺织工业的可持续发展方向与产业实践	China National Textile and Apparel Council 中国纺织工业联合会
8.55-9:20	Keynote	Feng Mei/Run Zhao 梅锋 / 赵润	Green Innovation and Services of the Advanced Functional Fibers Platform 先进功能纤维平台绿色创新与服务	National Advanced Functional Fiber Innovation Center 国家先进功能纤维创新中心
9:20-9:40	Invited	Wei Xie 谢伟	Intelligent Manufacturing and Product Diversification of Green Low-Carbon Masterbatch 绿色低碳母粒的智能制造与差异化探索	Poly Plastic Masterbatch (Suzhou) Co., LTD 苏州宝丽迪材料科技股份有限公司
9:40-10:00	Invited	Zhengsheng Ma 马正升	Development of Chemically Modified Deodorizing Fiber 化学改性消臭纤维的开发	Shanghai Jiecon Chemicals Hi-Tech Co., LTD 上海洁宜康化工科技有限公司
10:00-10:20	Coffee Break (茶歇)			

Moderator: Ye Chen 陈烨

10:20-10:40	Invited	Jinggang Wang 王静刚	The synthesis and application of biobased furan polymers with high performance 生物基高性能呋喃聚酯合成及应用研究	Ningbo Institute of Materials Technology and Engineering 宁波材料技术与工程研究所
10:40-11:00	Invited	Jianping Ding 丁建萍	Preparation Technology and Applications of Biodegradable Polyester 生物可降解聚酯制备技术及应用	Xinjiang Blue Ridge Tunhe Sci. & Tech Co., LTD 新疆蓝山屯河科技股份有限公司
11:00-11:20	Invited	Jin Zhou 周进	Sorona(r) fiber: A commercialization journey of a biobased polymer Sorona(r) 纤维：一种生物基聚合物的产业化之路	Covation Biomaterials LLC Co., LTD 华峰瑞讯生物材料有限公司
11:20-11:40	Invited	Mingming Zhang/Jian Hu 张明明 / 胡健	Synthetic Biology Powering Sustainable Development of the Textile Industry 合成生物助力纺织行业可持续发展	Anhui Huaheng Biotechnology Co., LTD 安徽华恒生物科技股份有限公司

Session 3, Nov. 02, 2025 Afternoon (下午) Venue: Room No. 悦贵厅 2

Moderator: Shiyen Chen 陈仕艳

13:30-13.55	Keynote	Gang Sun 孙刚	Research on the Sustainable Development of Functional Fibers and Textiles 功能性纤维与纺织品的可持续发展研究	University of California Davis 加州大学戴维斯分校
13.55-14:15	Invited	Peng Ji 吉鹏	Preparation and Application of CO ₂ -Derived Polyester 二氧化碳源聚酯的制备及应用研究	Donghua University 东华大学
14:15-14:35	Invited	Ye Chen 陈烨	Recycling and Reutilization of Waste Polyester-Based Blended Fabrics 废旧聚酯基混纺织物的回收再利用	Donghua University 东华大学
14:35-14:55	Invited	Kangkang Ou 欧康康	Decolorization and High-Value Recycling Technologies for Waste Colored Textiles 废旧有色纺织品脱色及高值化再生技术	Shanghai University of Engineering Science 上海工程技术大学
14.55-15:15	Invited	Shoubing Shen 沈守兵	Application Trends of Chemical Fiber Materials in the Home Textiles 化纤材料在家纺领域的应用趋势	Shanghai Shuixing Home Textile CO., LTD 上海水星家用纺织品股份有限公司