

PRELIMINARY PROGRAM of ICAFPM 2025				
【Forum A】 ICAFPM 2025 High Performance Fibers and Products				
A. 高性能纤维及制品				
Topic: High Performance Fibers and Products Chairman: 1. Prof. Guohua Hu, University of Lorraine, France; 2. Prof. Lianghua Xu, Beijing University of Chemical Technology; 3. Prof. Qinghua Zhang, Prof. Anqi Ju, Donghua University				
Session 1 Nov. 01, 2025 Afternoon （下午）				
Venue: Room No. 1号厅				
Session 1	Moderator: Anqi Ju 巨安奇			
Time	Type	Speaker	Title	Affiliation
13:30-13:50	Keynote	Chao Gao 高超	Multifunctional graphene fibers 多功能石墨烯纤维	Zhejiang University 浙江大学
13:50-14:10	Keynote	Guohua Hu 胡国华	Reactive Extrusion & Flow-Driven Chemistry: Converging Toward a New Paradigm for Polymer Production 反应挤出和流动驱动化学：聚合物生产的新范式	University of Lorraine, France 法国洛林大学
14:10-14:30	Invited	Kunyan Sui 隋坤艳	Hierarchical Structure Design, Functionalization, and Application of High-Performance Aramid Nanofibers 高性能芳纶纳米纤维的多级结构设计、功能化及其应用研究	Qingdao University 青岛大学
14:30-14:50	Invited	Jin Zhu 朱锦	Research Progress in Furan-based Polyesters 呋喃聚酯研究进展	Ningbo Institute of Materials Technology and Engineering, CAS 中科院宁波材料所
14:50-15:10	Invited	Pengcheng Ma 马鹏程	An Innovative Exploration Journey of Basalt Fibers 玄武岩纤维创新探索之旅	Xinjiang Technical Institute of Physics & Chemistry, CAS 中国科学院新疆理化技术研究所
15:10-15:30	Invited	Lili Zhang 张丽丽	Research on the microstructure of carbon fiber based on nanoindentation 基于纳米压痕的碳纤维微观结构研究	Shanxi Institute of Coal Chemistry, Chinese Academy of Sciences 中国科学院山西煤炭化学研究所
15:30-15:40	Coffee Break（茶歇）			
Session 1	Moderator: Caizhen Zhu朱才镇			
15:40-16:00	Invited	Hongjie Wang 王红洁	Preparation and Properties of Silicon Nitride Nanowire Aerogel Fibers 氮化硅纳米线气凝胶纤维的制备及性能	Xi'an Jiaotong University 西安交通大学
16:00-16:20	Invited	Zhongyu Fu 付中禹	Two-Step Preparation Technology for the Precursor of Carbon Fibers 两步法碳纤维原丝制备技术	Changchun University of Technology 长春工业大学
16:20-16:40	Invited	Xiang Zhou 周湘	High strength and toughness artificial spider silk based on protein like microstructure and its biomedical applications 基于类蛋白结构高强韧人造蛛丝及其生物医用	China Pharmaceutical University 中国药科大学
16:40-17:00	Invited	Caizhen Zhu 朱才镇	Microvoid Engineering in Ultra-high-performance Carbon Fibers: From Characterization and control to Performance Enhancement 超高性能碳纤维中的微孔工程：从表征与控制到性能提升	Shenzhen University 深圳大学
17:00-17:20	Invited	hangping Yin 尹昌平	Design of Pseudo-Ductile Hybrid Fiber Composites Based on Dispersed Ply Stacking 基于分散铺层的伪延展混杂纤维复合材料设计	National University of Defense Technology 国防科技大学

17:20-17:40	Invited	Fengxiang Chen 陈凤翔	High-performance colored carbon fibers and their composites for automotive 用于汽车的高性能彩色碳纤维及其复合材料	Wuhan Textile University 武汉纺织大学				
17:40-18:00	Invited	Peng Li 李鹏	Controlled Ordered Assembly of Graphene Fibers 石墨烯纤维的有序控制组装	Zhejiang University 浙江大学				
18:00-18:15	Invited	Yanzi Gou 苟燕子	Preparation and Properties of Highly Crystalline SiC Fibers 高结晶SiC纤维制备及性能研究	National University of Defense Technology 国防科技大学				
18:15-18:30	Poster Presentation (墙报展讲)							
18:30-20:30	Banquet (晚宴)							
Session 2 Nov. 02, 2025 Morning (上午)								
Venue: Room No. 1号厅								
Session 2	Moderator: Yanzi Gou 苟燕子							
8:30-8:50	Keynote	Bernard Lotz	High temperature molecular processes taking place in crystalline materials: Brill transition and Nucleation by the Fold Surface (NFS) 晶体材料中的高温分子过程: Brill转变和折叠面成核 (NFS)	Institut Charles Sadron, CNRS, France 法国中央研究院查尔斯研究所				
8:50-9:10	Invited	Xiaoxiao Huang 黄小箫	Structural Design and Application of Carbon-Based Wave-Absorbing Materials 碳基吸波材料的结构设计及应用研究	Harbin Institute of Technology 哈尔滨工业大学				
9:10-9:30	Invited	Junrong Yu 于俊荣	Improving the Mechanical Properties of Gel-Spun UHMWPE Fibers by Regulating the Dissolution System 调控溶解体系提高冻胶纺丝UHMWPE纤维的力学性能研究	Donghua University 东华大学				
9:30-9:50	Invited	Longbo Luo 罗龙波	Study on Solution Rheology and Fiber Preparation of High-Performance Heterocyclic Aromatic Polymers 高性能芳杂环聚合物溶液流变及纤维制备研究	Sichuan University 四川大学				
9:50-10:10	Invited	Xiaomin Ma 马小民	Research on Key Technologies and Advanced Applications of High-Performance Continuous Alumina Fibers 高性能氧化铝连续纤维关键技术研究及先端应用	Guozhuang New Material Technology (Jiangsu) Co., Ltd. 国装新材料技术(江苏)有限公司				
10:10-10:20	Coffee Break (茶歇)							
Session 2	Moderator: Junrong Yu 于俊荣							
10:20-10:35	Oral	Huan Xu 徐欢	Intrinsically Electroactive Polylactic Acid Nanofiber Functional Membranes 内禀电活性聚乳酸纳纤功能膜	China University of Mining and Technology 中国矿业大学				
10:35-10:50	Oral	Jie Sheng 盛捷	Research Progress on Carbon Fibers and Composites Based on Saccharide-Derived Carbon Conversion 基于糖碳转化的碳纤维及复合材料研究进展	Harbin Institute of Technology 哈尔滨工业大学				
10:50-11:05	Oral	Xingzhong Gao 高兴忠	Development and Preparation of Lightweight Thermal Insulation and Cut-Resistant Fabrics 轻薄型保温防割面料研发与制备	Xi'an Polytechnic University 西安工程大学				
11:05-11:20	Oral	Xuelian Li 李雪莲	Synthesis and Characterization of Novel Organosoluble Fluorinated Polyimides and the Morphology of Their Electrospun Nanofiber Membranes 新型有机可溶性含氟聚酰亚胺的合成与表征及其电纺纳米纤维膜形貌的研究	Anshun University 安顺学院				
11:20-11:35	Oral	Peijian Du 杜培健	Study on Anisotropic Heat Transfer Behavior in Needled Quartz Fiber Felt/Fabric Composite Preforms at Quasi-Fiber Scale 准纤维尺度的针刺石英纤维毡/织物复合材料预成型体各向异性传热行为研究	Inner Mongolia University of Technology 内蒙古工业大学				
11:35-11:50	Oral	Jiaqi Zhou 周嘉琪	Structural-Functional Integration of Composites Achieved by Polyaniline-Functionalized MoS2 Nanosheet/Carbon Fiber Networks 聚苯胺功能化MoS2纳米片/碳纤维网络实现复合材料结构-功能一体化	Shandong University 山东大学				
11:50-12:05	Oral	Zihao GUO	单根亚麻纤维湿-力耦合行为建模 Modeling of the Hygro-Mechanical Behavior of Elementary Flax Fibe	Université de Reims Champagne-Ardenne				