

## 论坛简介 Forum Introduction

“第三届科学家论坛”将联合业界知名科学家、院士带来高分子及应用领域未来发展趋势与突破性成果最新进展分享,是高分子行业“最强大脑”的智慧盛典。主题报告、前沿对话、星享会三大环节链接高分子科学与应用,共塑未来大势。

The 3rd SciXplore Forum, renowned scientists and experts will be invited to share their reports and views on the future development and breakthrough achievements of polymer industry through the activities of Keynote Speeches, Panel Discussion, Meet the Stars.

主办单位 Organizers



支持单位 Co-organizers



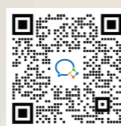
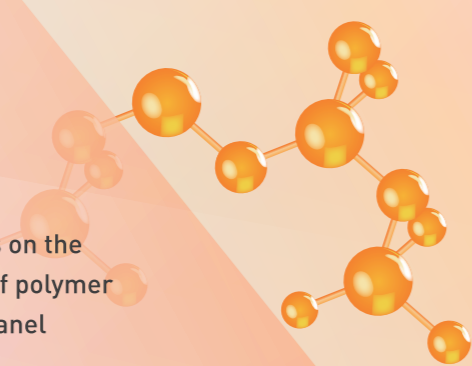
本活动最终解释权归雅式所有。  
The final interpretation rights of this forum belongs to Adsale.



深圳国际会展中心(宝安)  
Shenzhen World Exhibition & Convention Center (Bao'an), PR China

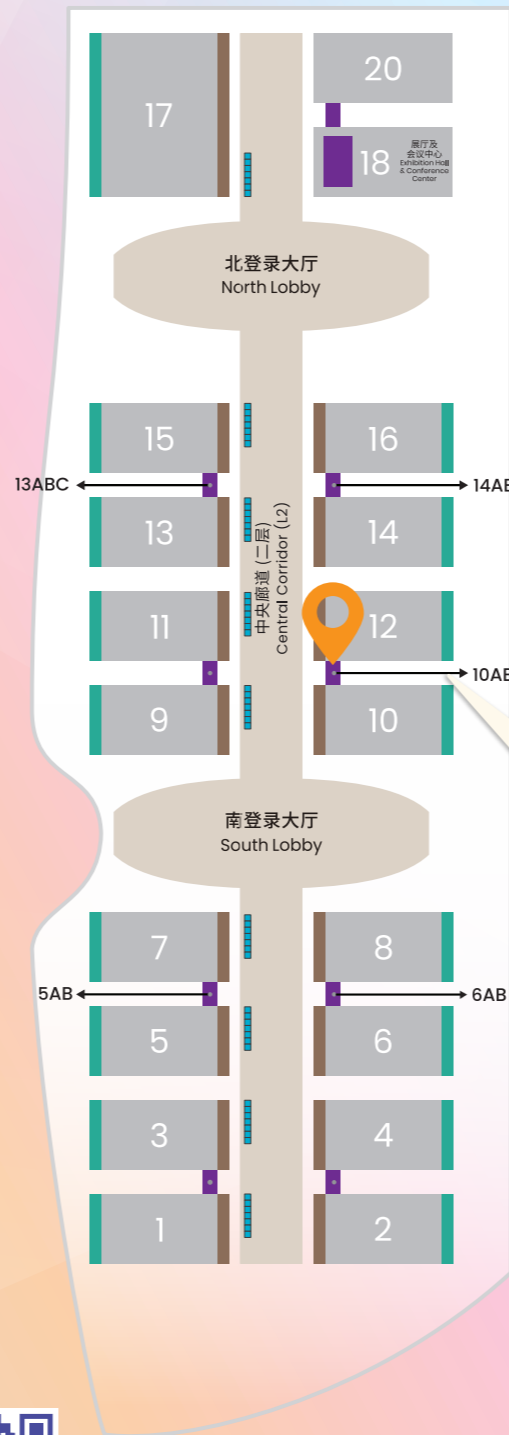
2025.4.16  
13:00-17:00

10ABC会议室  
Meeting Room 10ABC



科学家论坛交流群  
SciXplore Forum Group Chat  
中英双语(现场提供同声传译)  
Bilingual (English-Chinese simultaneous interpretation service provided)

展会地图  
Forum Plan



北 N

论坛位置  
Forum Location

10ABC  
科学家论坛  
SciXplore Forum

中央廊道快速步道(二层)  
Central Corridor Express Way (Level 2)  
便捷前往各展厅及二层会议室  
Easy travel between exhibition halls and Level 2 meeting rooms



扫码填写问卷  
Scan to fill out the survey

查询 Enquiry  
银智琴 Jessis Yin ( 86 755 ) 2354 7158  
邮箱 moxiaojun@sz.adsale.com.hk



# 科学家论坛 SciXplore Forum

链接高分子科学与应用  
Connecting Polymer Science with Applications

- 主题报告 Keynote Speeches
- 前沿对话 Panel Discussion
- 星享会 Meet the Stars

## 嘉宾简介

### Guest Introduction



#### 何和智 Hezhi HE

华南理工大学机械与汽车工程学院教授、华南理工大学聚合物新型成型装备国家工程研究中心常务副主任、广州华新科智造技术有限公司董事长。从事高分子材料成型加工理论及设备的研究、开发、产业化及人才培养等工作。

Professor of the School of Mechanical and Automotive Engineering of South China University of Technology; Executive Deputy Director of the National Engineering Research Center for Novel Polymer Processing Equipment at South China University of Technology; Chairman of Guangzhou Huaxinke Intelligent Manufacturing Technology Co., Ltd. He is engaged in the research, development, industrialization and talent training of polymer molding theory and equipment.



#### 何慧 Hui HE

华南理工大学材料科学与工程学院教授，兼任中国塑料加工工业协会专家委员会专家，中国塑协塑木制品专委会专家，中国资源协会木塑复合材料专委会专家等职。长期从事塑料成型加工、高分子改性与复合材料等方面的科研与教学工作。

Professor of the School of Materials Science and Engineering of South China University of Technology; Expert of China Plastics Processing Industry Association (CPPIA); Expert of Plastic Wood Products Professional Committee of CPPIA; Expert of Wood-Plastic Professional Committee of the China Association of Comprehensive Utilization of Resources. She has long been engaged in scientific research and teaching in plastic molding, polymer modification and composite materials.



#### 王谭 Tan WANG

广东汇天航空航天科技有限公司(小鹏汇天)联合创始人、副总裁、总设计师,小鹏汽车造型中心总经理,广东省工业设计协会特邀副会长,正高级工业设计师。小鹏汇天是亚洲规模最大的飞行汽车公司,是小鹏汽车的生态企业。

Co-founder, Vice President, Chief Designer of Guangdong Huitian Aerospace Technology Co., Ltd (XPENG AEROHT); General Manager in Design center of XPENG MOTORS, Invited Vice President of Guangdong Industrial Design Association, Senior Industrial Designer. XPENG AEROHT is the largest flying car company in Asia and an integral part of the XPENG MOTORS ecosystem.



#### 陈奎文 Kuiwen CHEN

广州汽车集团股份有限公司汽车工程研究院,概念与造型设计中心前瞻设计部前瞻设计专业总师。广汽研究院是广汽集团的技术管理部门和研发体系枢纽,主要负责广汽传祺、广汽埃安等自主品牌产品开发及新技术的规划制定与实施。

Advanced Design Chief Designer, Advanced Design Department, Design Center, GAC Automotive Research & Development Center. GAC R&D CENTER is the technology management department and R&D system hub of GAC GROUP. Its core responsibilities include product development of GAC Trumpchi, GAC Aeon and other independent brands, and the formulation and implementation of new technology plans.



#### 李陶 Tao LI

浙江祥邦科技股份有限公司产品总监。祥邦科技是国内封装胶膜领域的领导型企业之一,是国内早期实现POE胶膜量产的企业。

Product Director, Zhejiang Sinopont Technology Co., Ltd. Sinopont Technology is one of the leading companies in the field of encapsulation films in China and is one of the companies that early achieved the mass production of POE films in China.



#### 程正迪 Zhengdi CHENG

美国国家工程院院士,高分子科学家;美国阿克伦大学荣誉退休教授/兼职教授;华南理工大学软物质科学与技术高等研究院院长;华南理工大学前沿软物质学院院长。主要从事高分子凝聚态物理学研究,包括高分子结晶学、晶体学及高分子液晶的相转变等领域。

Academician of the National Academy of Engineering, polymer scientist; Professor Emeritus/Adjunct Professor, Frank C. Sullivan Distinguished Research Professor, Robert C. Musson Professor/Trustees Professor, School of Polymer Science and Polymer Engineering, The University of Akron. Dean and Trustees Professor, Advanced Institute for Soft Matter Science and Technology, Dean and Trustees Professor, School of Emergent Soft Matter, Editor-In-Chief, GIANT, South China University of Technology. He is mainly engaged in the research of polymer condensed matter physics, including the fields of polymer crystallography, crystallography, and the phase transitions of polymer liquid crystals.



#### 拉马克瑞斯纳·西拉姆 Seeram RAMAKRISHNA

中国工程院外籍院士;美国医学与生物工程院院士;新加坡工程院院士;青岛大学荣誉教授。长期从事纺织和功能纤维材料研究,主要研究方向为静电纺丝技术和纳米纤维加工方面。

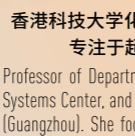
Foreign academician of Chinese Academy of Engineering; Academician of American Institute for Medical and Biological Engineering; Academician of Academy of Engineering, Singapore; Honorary professor of Qingdao University. He has long been engaged in the research of textile and functional fiber materials, focusing primarily on electrospinning technology and nanofiber processing.



#### 伊藤耕三 Kohzo ITO

东京大学特别教授,日本国家材料科学研究所研究员,日本聚合物科学学会的总统成员。长期致力于研究聚合物物理和超分子化学,现在正专注于利用环糊精,即具有拓扑特征的项链状超分子。

University Professor at the University of Tokyo and a fellow at National Institute for Materials Science. The president of the Society of Polymer Science, Japan. He has been researching the polymer physics and supramolecular chemistry, and now is focusing on polyrotaxane using cyclodextrin, necklace-like supramolecule with topological characteristics.



#### 高平 Ping GAO

香港科技大学化学工程学系教授,聚合物加工与系统中心副主任,香港科技大学(广州)功能枢纽先进材料学域主任。

Professor of Department of Chemical Engineering, Hong Kong University of Science and Technology, deputy director of Polymer Processing and Systems Center, and director of the Discipline of Advanced Materials in the Functionality Hub at the Hong Kong University of Science and Technology (Guangzhou). She focuses on research in the field of ultra-high molecular weight polyethylene, with an emphasis on designing the macroscopic structure of high-performance polymers by controlling their microscopic configuration.

#### 朱裕伦 Stanley CHU

雅式展览服务有限公司董事长、香港大学荣誉院士  
Chairman, Adsale Exhibition Services Ltd., Honorary University Fellow, The University of Hong Kong.



#### 唐本忠 Benzong TANG

高分子化学家;中国科学院院士;亚太材料科学院院士;发展中国家科学院院士;香港中文大学(深圳)理工学院院长;校长学勤讲座教授,聚集诱导发光高等研究院创院院长。

主要从事高分子化学、先进功能材料的开发以及聚集诱导发光(AIE)现象的研究。

Polymer chemist; Academician of the Chinese Academy of Sciences; Academician of the Asia-Pacific Academy of Materials; Academician of the World Academy of Sciences for the Advancement of Science in Developing Countries; Dean of the School of Science and Engineering at the Chinese University of Hong Kong (Shenzhen); President's Xueqin Chair Professor, and founding dean of the Institute of Aggregation-Induced Emission. He is mainly engaged in the research of polymer chemistry, the development of advanced functional materials, and the study of the aggregation-induced emission (AIE) phenomenon.



#### 张立群 Liqun ZHANG

中国工程院院士;教育部长江学者特聘教授,国家杰出青年基金获得者。现任西安交通大学校长,兼任中国化学学会第41届理事会副理事长、中国材料研究学会常务理事等职务。历任北京化工大学副校长,华南理工大学校长。主要从事橡胶材料科学与工程、聚合物纳米复合材料、生物高分子材料与聚合物加工工程方面的研究。

Academician of Chinese Academy of Engineering, distinguished professor of the Changjiang Scholars Program of the Ministry of Education, and recipient of the National Science Fund for Distinguished Young Scholars. Currently, he serves as the president of Xi'an Jiaotong University, and concurrently holds positions such as vice chairman of the 41st Council of the Chinese Chemical Society, executive director of the Chinese Materials Research Society, etc. He has successively served as the vice president of Beijing University of Chemical Technology and the president of South China University of Technology. He is mainly engaged in research in the fields of rubber materials science and engineering, polymer nanocomposites, bio-based polymer materials, and polymer processing engineering.



# 科学家论坛

## SciXplore Forum

## 论坛议程

### Forum Agenda

#### 欢迎辞 Welcome Speech

朱裕伦 雅式展览服务有限公司董事长、香港大学荣誉院士

Stanley CHU, Chairman, Adsale Exhibition Services Ltd., Honorary University Fellow, The University of Hong Kong

何和智 华南理工大学教授、聚合物新型成型装备国家工程研究中心常务副主任

Hezhi HE, Professor, South China University of Technology, Executive Deputy Director, National Engineering Research Center for Novel Polymer Processing Equipment at SCUT

#### 主题报告 Keynote Speeches

主持人:何慧教授

Moderator: Hui HE, Professor

13:10-13:40

跳出思维定式:高分子科学与工程挑战与机遇

Thinking Out of the Box: Challenges and Opportunities in Polymer Science and Engineering

美国国家工程院院士 程正迪

Zhengdi CHENG, Academician, National Academy of Engineering

13:40-14:10

聚集诱导发光产业化进展

Industrial Progress of Aggregation-Induced Emission

中国科学院院士 唐本忠

Benzong TANG, Academician, Chinese Academy of Sciences

14:10-14:40

坚持“四个面向”,创制新型橡胶高分子材料

Adhere to the "Four Orientations" and Develop a New Type of Rubber Polymer Material

中国工程院院士 张立群

Liqun ZHANG, Academician, The Chinese Academy of Engineering

14:40-15:10

纤维和聚合物的未来发展方向

Future Directions of Fibers and Polymers

新加坡工程院院士 拉马克瑞斯纳·西拉姆

Seeram RAMAKRISHNA, Academician, The Academy of Engineering, Singapore

15:10-15:30

循环经济中的滑环材料

Slide-Ring Materials for Circular Economy

东京大学特别教授 伊藤耕三

Kohzo ITO, University Professor, The University of Tokyo

15:30-15:50

超高分子量聚乙烯纳米膜的开发与应用

Development and Application of Ultra High Molecular Weight Polyethylene Nanomembrane

香港科技大学教授 高平

Ping GAO, Professor, Hong Kong University of Science and Technology

#### 前沿对话 Panel Discussion

主持人:高平教授

Moderator: Ping GAO, Professor

16:00-16:50

嘉宾:程正迪、唐本忠、拉马克瑞斯纳·西拉姆、张立群、伊藤耕三、王谭、陈奎文、李陶

Guests: Zhengdi CHENG, Benzong TANG, Seeram RAMAKRISHNA, Liqun ZHANG, Kohzo ITO, Tan WANG, Kuiwen CHEN, Tao LI

主题:AI×绿色转型×低空经济——高分子材料的“破界革命”

Topics: AI × Green Transformation × Low-Altitude Economy—"Boundary-Breaking Revolution" of Polymer Materials

1 AI能否让高分子材料的研发速度超越摩尔定律?

Can AI make the development of polymer materials faster than Moore's Law?

2 绿色转型是材料的“紧箍咒”还是“新引擎”?

Is green transformation a "curse" or a "new engine" for materials?

3 低空经济究竟需要怎样的“反常识材料”?

What kind of "anomalous materials" does the low-altitude economy need?

#### 星享会 Meet the Stars

14:00-15:40 穿插进行

Take place concurrently with the forum

每位院士与2-3位观众小型私享交流会(需于展前报名预约,获取见面机会)

Small group meeting for each academician and 2-3 audiences (Reservation required. Participation is subject to approval)

\*具体议程以现场为准

The above agenda is subject to change, please refer to the onsite announcement