



# 第44届中国控制会议专题研讨会

自动化对上人工智能

Automation versus Artificial Intelligence

10:50~12:20, July 29, 2025



专题研讨会  
Automation versus Artificial Intelligence  
自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



第44届 中国控制会议  
The 44th Chinese Control Conference

2025年7月28–30日  
JULY 28-30, 2025, CHONGQING, CHINA

## Panelists of Plenary Panel Discussion

嘉宾



Prof Xinping Guan  
Shanghai Jiao Tong University

关新平教授  
上海交通大学

嘉宾



Prof Shihua Li  
Southeast University

李世华教授  
东南大学

嘉宾



Prof Wendong Xiao  
University of S&T Beijing

肖文栋教授  
北京科技大学

嘉宾



Prof Lihua Xie  
Nanyang Tech University

谢立华教授  
南洋理工大学

主持人



Ben M. Chen  
Chinese U of Hong Kong

陈本美  
香港中文大学

专题研讨会

Automation versus Artificial Intelligence

自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



第44届 中国控制会议

The 44th Chinese Control Conference

2025年7月28–30日

JULY 28-30, 2025, CHONGQING, CHINA

**Automation and Artificial Intelligence** are two concepts often overlap, but they are not quite the same.

**Automation** is using technology to perform tasks with minimal human intervention. Automation follows predefined rules and processes. It doesn't adapt or think, it just does.

**Artificial Intelligence (AI)** is technology that simulates human-like intelligence, learning, and decision-making.

AI and automation are a powerhouse combo that's reshaping industries. AI in automation isn't just about doing tasks faster. It is about doing things smarter.

本次论坛尝试就自动化与人工智能这两个课题以及其他课题进行探讨交流……



专题研讨会

Automation versus Artificial Intelligence

自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



第44届 中国控制会议

The 44th Chinese Control Conference

2025年7月28–30日

JULY 28-30, 2025, CHONGQING, CHINA



Prof Xinping Guan  
Shanghai Jiao Tong University

关新平教授  
上海交通大学

- Dean and Chair Professor of the School of Electronic Information and Electrical Engineering at Shanghai Jiao Tong University.
- IEEE Fellow and Distinguished Professor of Changjiang Scholars Program of the Ministry of Education, a recipient of the National Outstanding Youth Fund, and a National Talent of the New Century Talents Project.
- Received two National Natural Science Second Prizes, the IEEE TCCPS Industrial Technology Excellence Award, two First Prizes in Natural Science from the Ministry of Education, two First Prizes in Technology Invention from Shanghai, IEEE Transactions on Fuzzy Systems Outstanding Paper Award, and Highly Cited Scholar by Elsevier.

专题研讨会  
Automation versus Artificial Intelligence  
自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



Prof Shihua Li  
Southeast University

李世华教授  
东南大学

- Chief Professor, Jiangsu Specially Appointed Professor, Dean of the School of Automation, Southeast University. Director General of Jiangsu Association of Automation. Chairman of IEEE IES Nanjing Chapter.
- Fellow of IEEE, IET, AAIA and CAA. IEEE~IES Distinguished Lecturer. Clarivate Analytics Highly Cited Researchers (Engineering), one of the Most Cited Chinese Researchers from Elsevier (Control and system engineering). Winner of Nagamori Award form Nagamori Foundation.
- Research interests include modeling and nonlinear control theory with applications to mechatronic systems, including motion control, automobile engine control, manipulator, robot, power electronic systems.

# 专题研讨会

Automation versus Artificial Intelligence

自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



# 第44届 中国控制会议

The 44th Chinese Control Conference

2025年7月28–30日

JULY 28-30, 2025, CHONGQING, CHINA



Prof Wendong Xiao  
University of S&T Beijing

肖文栋教授  
北京科技大学

- Professor with the School of Automation and Electrical Engineering at the University of Science and Technology Beijing.
- Director of Chinese Institute of Command and Control Technical Committee on Intelligent Wearable Technology, Vice Director of Health Engineering Branch of Chinese Society of Biomedical Engineering, Vice Director of the Intelligent IoT Systems Technical Committee of China Simulation Federation.
- Research interests include wearable computing, wireless intelligent sensing, digital healthcare, energy harvesting, equipment fault diagnosis and predictive maintenance.



专题研讨会

Automation versus Artificial Intelligence

自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



第44届 中国控制会议

The 44th Chinese Control Conference

2025年7月28–30日

JULY 28-30, 2025, CHONGQING, CHINA



Prof Lihua Xie

Nanyang Technological University

谢立华教授  
南洋理工大学

- President's Chair Professor in School of Electrical & Electronic Engineering, Nanyang Technological University. Director of Center for Advanced Robotics Technology Innovation.
- IEEE Distinguished Lecturer and the General Chair of the 62nd CDC 2023. Vice-President of IEEE Control System Society. Fellow of Academy of Engineering Singapore, IEEE, IFAC, and CAA. Highly cited researcher by Thomson Reuters and Clarivate Analytics. Editor-in-Chief for Unmanned Systems, Has served on editorial boards of tens of international journals.
- Research interests include robust control and estimation, networked control systems, multi-agent networks, and unmanned systems.

布告

第五届CCC杯全球控制学者乒乓球邀请赛

2025.07.29 13:30~18:30

本届赛事由**青铜视觉**友情资助

重庆大学（虎溪校区）体育馆



第五届CCC杯&青瞳乒乓邀请赛

冠军

2025年7月29日

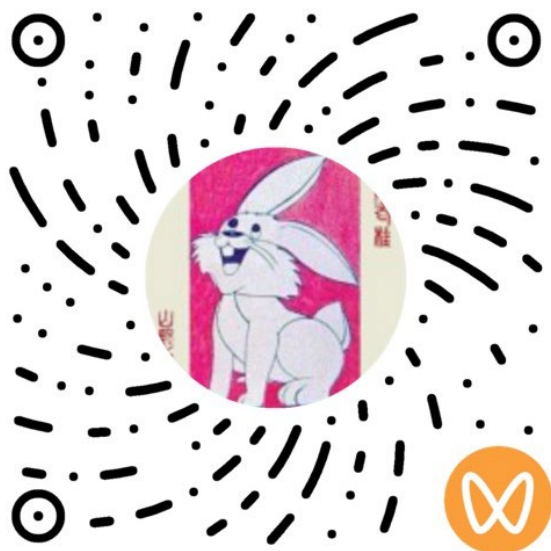


专题研讨会  
Automation versus Artificial Intelligence  
自动化对上人工智能

10:50–12:20, July 29, 2025 中国重庆科学会堂长江厅1246



山蠻視頻



欢迎大家现场提问或发表您自己的看法

也可以扫左边的二维码在本人视屏号  
的第一条视频评论区中提问

谢谢大家!

