

5G^{AI} Global Forum & AIAM2020

5G^{AI} INSAI Connected Global Forum &
2nd International Conference on Artificial Intelligence and Advanced
Manufacturing

2020 智联世界 5G^{AI} 高峰论坛暨 第二届人工智能与先进制造国际会议

会议日程

Conference Program



上海蓝宫大饭店, 中国

Blue Palace Shanghai, China

2020年12月26日 December 26, 2020

Invitation Letter

Shanghai, China December 26, 2020

Dear Prof. *****,

We are pleased to officially invite you to attend **5G^{AI} INSAI Connected Global Form Forum & 2nd International Conference on Artificial Intelligence and Advanced Manufacturing (AIAM2020)**. The conference is to be held in Shanghai, China on December 26, 2020. The event will be hosted by Fudan University, Federation of Chinese Professional Associations in Europe (FCPAE), Silicon Valley Technology and Information Council of America and Chinese Association for Artificial Intelligence, in association with Shanghai Association of Artificial Intelligence, International Association of Applied Science and Technology (IAAST), Overseas Chinese Science and Technology Innovation Alliance, Huzhou University, etc.

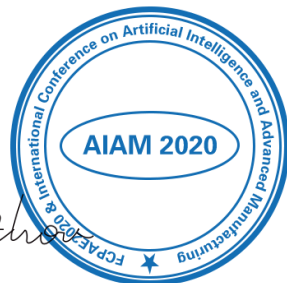
As an academic workshop of 5G^{AI} Forum, AIAM2020 aims to bring together researchers and scientists from artificial intelligence and advanced manufacture, researchers from various application areas to discuss problems and solutions in the area, to identify new issues, and to shape future directions for research. This conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

Please note that you should deal with all expenses by yourself. Should you require any future guidance, please do not hesitate to contact our organizing committee by emailing at aiam@iaast.cn

Thanks for your participating in 5G^{AI} Forum & AIAM2020. We look forward to seeing you soon.

Best wishes

Shengrong Zhu



Chairman of AIAM2020

组织机构

主办单位:

复旦大学

全欧华人专业协会联合会 (FCPAE)

美国硅谷科技资讯委员会

中国人工智能学会

承办单位:

上海市人工智能学会

国际应用科学与技术协会 (IAAST)

海外华人科创联盟

湖州师范学院

中英科技贸易协会

协办单位:

成都信息工程大学软件工程学院

西安财经大学信息学院

浙江理工大学机械与自动控制学院

宁波财经学院数字技术与工程学院

大会主席:

周盛宗教授, 全欧华人专业协会联合会

学术委员会:

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张建伟教授, 德国汉堡科学院院士、汉堡大学教授

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卢基存研究员，光华临港工程应用技术研发有限公司

叶菲研究员，中国科学院、复旦大学

王文峰教授，中国科学院、上海临港国际人工智能产业研究院

技术(组织)委员会：

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委员：张冠华博士、邢镛博士、张宏伟博士、余治昊、智升开、叶维彰、李强博士

Organization Committee

Organizer

Fudan University, China

Federation of Chinese Professional Associations in Europe

Silicon Valley Technology and Information Council of America

Chinese Association for Artificial Intelligence

In Association With

Shanghai Association of Artificial Intelligence

International Association of Applied Science and Technology (IAAST)

Overseas Chinese Science and Technology Innovation Alliance

Huzhou University

China-Britain Technology Trade Association

Sponsors:

Chengdu University of Information Technology

Xi'an University of Finance and Economics

Zhejiang Sci-Tech University

Ningbo University of Finance & Economics

Academy Committee

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Co-Chair

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Liang Song, Professor, Academician of Canadian Academy of Engineering, Fudan University

Jianwei Zhang, Professor, Academician of the Hamburg Academy of Sciences, Universität Hamburg

Committee Member

Xiaodong Chen, Professor, Shanghai Advanced Research Institute, Chinese Academy of Sciences

Xiaoming Fu, Professor, University of Göttingen, Germany

Jingsha He, Professor, Beijing University of Technology

Wenjun Hu, Professor, Huzhou University

Xu Huang, Professor, Huzhou University

Linhua Jiang, Professor, Overseas Chinese Science and Technology Innovation Alliance, Federation of Chinese Professional Associations in Europe

Jun Li, Professor, Chinese Academy of Sciences

Haixiang Lin, Professor, Technische Universiteit Delft

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Huiliang Shang, Professor, Fudan University

Lei Wang, Professor, Tongji University

Lihong Xu, Professor, Tongji University

Chengxin Pang, Professor, Overseas Chinese Science and Technology Innovation Alliance

Daizhong Su, Professor, Nottingham Trent University

Guohui Ye, National Dong Hwa University

Yudong Zhang, Professor, University of Leicester

Hua Zhou, Professor, Fudan University

Jicun Lu, Researcher, Guanghua Lingang Engineering Applied Technology R & D Co., Ltd

Fei Ye, Researcher, Chinese Academy of Sciences, Fudan University

Wenfeng Wang, Professor, Chinese Academy of Sciences & Shanghai Lingang Artificial Intelligence Laboratory

Organizing Committee

Chair

Linhua Jiang, Professor, Overseas Chinese Science and Technology Innovation Alliance, Federation of Chinese Professional Associations in Europe

Committee Member

Guanhua Zhang, Bin Xing, Hongwei Zhang, Zhihao Yu, Zhisheng Kai, Wei-Chang
Yeh, Qiang Li

会议日程

2020 智联世界 5G ^{AI} 高峰论坛		
会议日程		
日期	时间	事项
12月26日 周六	9:00-9:35	上海市嘉定区领导致欢迎辞
		复旦大学领导致欢迎辞
		上海市经济和信息化委员会领导致辞
		上海市科学技术委员会领导致辞
		科学技术部领导致辞
		上海市领导致辞
		中国科协领导致辞
	9:35-10:05	国际智联网系统学会揭牌仪式 揭牌人：中国科协、复旦大学、同济大学、上海交大
		上海 5G 产业基金落地签约仪式 签约人：上海金浦投资与嘉定国资
		战略合作协议签约仪式 签约人：上海 5G 创新发展联盟、上海金浦投资、嘉定汽车城集团
		华为-复旦联合实验室签约仪式 签约人：华为公司、复旦大学
		《智联网系统白皮书》2020 发布仪式 仪式嘉宾：科技部、上海市科委、复旦大学、同济大学、上海交大
	10:05-10:30	上海智联网系统科学中心启动仪式 揭牌人：复旦大学、上海科委、上海发改委
		国际智联网系统学会筹备工作报告 加拿大工程院院士、复旦大学特聘教授宋梁
	10:30-12:00	5G 产业挑战与机遇——院士报告
		5G 来临，迎接“全息全感”新未来——院士报告
		AI 技术助力 5G 核心网运营——院士报告
	AIAM2020 会议日程	
线上会议 Zoom 会议号: 821 1248 8922 密码: 864664		

Zoom 链接:

<https://us02web.zoom.us/j/82112488922?pwd=T0xTSFZKcW9Sc0JLYjdGWE1TRzJ6UT09>

日期	时间	事项
12月26日 周六	14:00-14:10	▲ 欢迎辞: 周盛宗教授 全欧华人专业协会联合会 (FCPAE) 主席
		Session A: 人工智能专题 Session chair: 王文峰教授
	14:10-14:35	在线报告▲马来西亚思特雅大学 Ganeshsree AP Selvachandran 教授 题目: Recent Advances of Artificial Intelligence, Machine Learning and Fuzzy Logic in the Fields of Science, Technology, Engineering and Medicine
	14:35-15:00	视频报告▲美国马里兰大学 Mellal Mohamed Arezki 教授 题目: Application of nature-inspired computation in system reliability optimization
	15:00-15:30	视频报告▲英国莱斯特大学 Yu-dong Zhang 教授 题目: Artificial Intelligence for Chest CT-based COVID-19 Detection
	15:30-15:55	视频报告▲塞尔维亚贝尔格莱德大学 Dušan Isailović 博士 题目: AI in the bridge condition assessment
	15:55--16:20	视频报告▲法国原子能与可替代能源委员会系统与技术集成实验室 Gürcan, Önder 研究员 题目: Modeling and Simulating Blockchain Systems
	16:20-16:40	在线报告▲德国汉堡科学院院士, 德国汉堡大学张建伟教授 题目: Cross-disciplinary innovation by AIoT enhanced robotic systems in the post Covid-19 era
		Session B: 先进制造专题 Session chair: 卢基存研究员
	16:40-17:00	视频报告▲意大利米兰理工大学 Brunetti, Gian Luca 教授 题目: Possible interactions of problem decomposition and meta modelling in problem space search for design automation
	17:00-17:20	视频报告▲美国马萨诸塞大学 Du Xian 博士 题目: AI techniques for Roll-to-Roll Flexible Electronics Print Process Monitoring and Control
	17:20-17:40	视频报告▲印度 MIT Mysore, Mahesh Rao 教授 题目: Application of AI in Manufacturing
	17:40-18:00	视频报告▲日本群马大学 Md Abdus Samad Kamal 教授 题目: Intelligent Transportation Systems for Smart-Driving of Connected Automated Vehicles
	18:00-18:30	学术论文汇报 & 分享 在线报告▲ 程一启, 北京工业大学

		<p>题目：Design and Analysis of a new cylindrical vane hydraulic pump based on Computer aided design</p> <p>现场报告▲ 黄惠燕</p> <p>题目：人工智能在教育领域的应用</p> <p>在线报告▲ 王志成，旷视科技 Megvii</p> <p>题目：A glance at human pose estimation</p>
	18:30-18:35	闭幕式：大会组委会主席蒋林华教授

Conference Schedule

5G ^{AI} Forum Agenda		
Date	Time	Item
Dec.26 Saturday	9:00-9:35	Welcome speech
	9:35-10:05	Signing ceremony
	10:05-10:30	Invited speech ▲ Prof. Liang Song from Fudan University Speech title: Initiative Introduction Speech of INSAI
	10:30-12:00	Invited speech from three academicians
AIAM2020 Agenda		
Zoom conference number: 821 1248 8922		
Password: 864664		
Zoom link:		
https://us02web.zoom.us/j/82112488922?pwd=T0xTSFZKcW9Sc0JLVjdGWE1TRzJ6UT09		
Dec.26 Saturday	14:00-14:10	▲ Welcome speech: Prof. Shengzong Zhou, General chair
	Session A: Artificial Intelligence Session chair: Prof. Wenfeng Wang	
	14:10-14:35	Online report ▲ Prof. Ganeshsree AP Selvachandra from UCSI University Speech title: Recent Advances of Artificial Intelligence, Machine Learning and Fuzzy Logic in the Fields of Science, Technology, Engineering and Medicine
	14:35-15:00	Video report ▲ Prof. Mellal Mohamed Arezki from University of Maryland Speech title: Application of nature-inspired computation in system reliability optimization
	15:00-15:30	Video report ▲ Prof. Yu-dong Zhang from University of Leicester, UK Speech title: Artificial Intelligence for Chest CT-based COVID-19 Detection
	15:30-15:55	Video report ▲ Dr. Dušan Isailović from University of Belgrade, Serbia Speech title: AI in the bridge condition assessment
	15:55--16:20	Video report ▲ Researcher Gürcan, Önder from the French Alternative Energies and Atomic Energy Commission (CEA) Speech title: Modeling and Simulating Blockchain Systems
	16:20-16:40	Online report ▲ Prof. Jianwei Zhang from University of Hamburg, Germany

	Speech title: Cross-disciplinary innovation by AIoT enhanced robotic systems in the post Covid-19 era
Session B: Advanced Manufacturing Session chair: Researcher Jicun Lu	
16:40-17:00	Video report ▲ Prof. Brunetti, Gian Luca from Polytechnic University of Milan, Italy Speech title: Possible interactions of problem decomposition and meta modelling in problem space search for design automation
17:00-17:20	Video report ▲ Dr. Du Xian from University of Massachusetts-Amherst, America Speech title: AI techniques for Roll-to-Roll Flexible Electronics Print Process Monitoring and Control
17:20-17:40	Video report ▲ Prof. Mahesh Rao, MIT Mysore, India Speech title: Application of AI in Manufacturing
17:40-18:00	Video report ▲ Prof. Md Abdus Samad Kamal, Qunma University, Japan Speech title: Intelligent Transportation Systems for Smart-Driving of Connected Automated Vehicles
18:00-18:30	Oral presentation of submitted papers Online report ▲ Yiqi Cheng, from Beijing University of Technology Title: Design and Analysis of a new cylindrical vane hydraulic pump based on Computer aided design Oral presentation ▲ Huiyan Huang Title: Application of artificial intelligence in the field of education Online report ▲ Zhicheng Wang, Megvii Title: A glance at human pose estimation
18:30-18:35	▲ Closing ceremony Prof. Linhua Jiang, chair of organization committee

