

2020 创新与新兴产业发展国际会议 (IEID2020)

智能制造技术与产业专题分会

2020 年 9 月 16 日

一、 2020 创新与新兴产业发展国际会议简介

2020 创新与新兴产业发展国际会议 (IEID2020) 由中国工程院、上海市人民政府、工业和信息化部共同牵头, 会同国家发展和改革委员会等有关部门在上海共同举办。会议以“科技创新引领新兴产业发展”为主题, 围绕工程科技发展前沿和新兴产业发展热点, 聚集国内外专家学者、创新型企业家、政府创新管理官员等有识之士, 就重大创新尤其是颠覆性创新及相关新兴产业发展问题进行开放式互动交流, 引导和促进全球重大科技创新和新兴产业发展。IEID2020 会议由主题大会、专题会议、专项讨论、成果展示交流与项目对接等组成。会议规模约为 1800 人。

二、 智能制造技术与产业专题分会简介

工业 4.0 和智能制造技术推动了 20 世纪的第二个十年的新一次革命, 产生了诸多变革性的技术, 极大地推动了制造业的发展。自 2018 年以来, 随着 5G 技术的快速应用, 工业互联网平台的快速推广以及人工智能技术与制造业的逐步融合, 智能制造技术和产业出现了新的动向和加速发展的契机。

创新与新兴产业发展 (2020) 国际会议——智能制造技术与产业专题会由中国工程院主办, 由机械与运载工程学部、信息与电子工程学部, 上海交通大学机械与动力工程学院承办。专题会将围绕 5G、工业互联网、人工智能的颠覆性新兴技术对智能制造、工业 4.0 技术和产业发展带来的新技术、新模式、新方法和产业新动向开展专题报告和学术及技术讨论。

论坛当天将有 8 位中国工程院院士莅临, 同时将邀请德国工程院、英国皇家工程院、国际 500 强制造业领域的知名公司和国家重点大型企业嘉宾 20 余人进行精彩的分享和圆桌讨论, 就智能制造领域的重大创新、颠覆性技术、新兴产业发展等问题开展深入的交流, 对产业政策、技术创新对经济发展的推动作用、非营利研究机构与创新创业孵化体制机制等共性问题开展深入的研讨。

【会议时间】：2020 年 9 月 16 日

【会议地点】：上海阿纳迪酒店 (上海市长宁区临虹路 7 号)

【会议网站】：<http://ieid.cae.cn>

往届会议盛况：



2017 年智能制造技术与产业分会合影



2019 年智能制造技术与产业分会圆桌研讨与合影

三、 会议议程（暂定）

会议将采用采取现场报告+线上报告+圆桌讨论的形式，共商智能制造技术创新，技术转化，颠覆性变革性产业发展的未来大计。

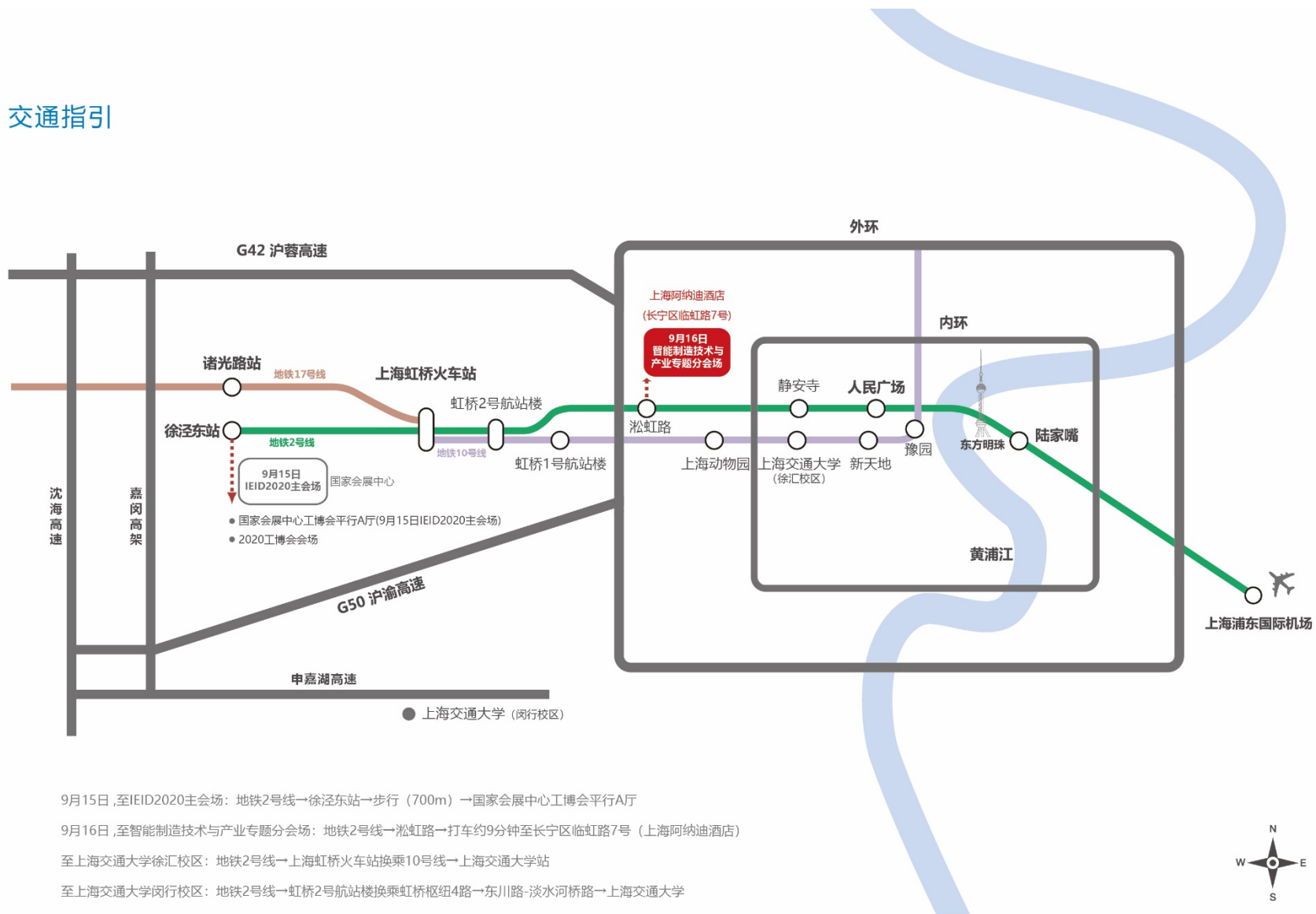
2020年9月16日（星期三）	
上海阿纳迪酒店（上海市长宁区临虹路7号）	
时间	议程
9:00-9:10	开场致辞，林忠钦，中国工程院院士、上海交通大学校长
9:10-9:40	Clas Neumann, SAP 高级副总裁/全球研发总裁（现场）
9:40-10:10	顾纯元，ABB（中国）有限公司董事长（现场）
10:10-10:40	Dwight Carlson, 美国科惠力公司董事长兼 CEO（远程）
10:40-11:00	茶歇（嘉宾合影）
11:00-11:30	魏应彪，中国商用飞机有限责任公司副总经理（现场）
11:30-12:00	Georges Andary, 博世汽车电子中国区总裁（现场）
12:00-13:30	午餐
13:30-14:00	赵作智，西门子电力集团发电业务 CEO（远程）
14:00-14:30	Thomas Bergs, 德国亚琛工业大学教授（远程）
14:30-15:00	蒋向前，英国工程院院士、哈德斯菲尔德大学教授（远程）
15:00-15:30	王皓，上海交通大学弗劳恩霍夫智能制造项目中心主任（现场）
15:30-16:00	茶歇
16:00-17:00	圆桌研讨会
17:00	离会

欢迎学术界、企业界、经济界等各位中外朋友嘉宾参加本次的专题分会！

请您于2020年9月12日之前将注册信息反馈至会议联系人邮箱，谢谢！

上海交通大学会议联系人：周俏纨 021-34205875 qwzhou@sjtu.edu.cn

交通指引



The 2020 International Forum on Innovation and Emerging Industries Development (IEID2020)

Parallel Session of Intelligent Manufacturing Technology & Industry

September 16, 2020

I. About the forum

The 2020 International Forum on Innovation and Emerging Industries Development (IEID2020), jointly sponsored by Chinese Academy of Engineering (CAE), Shanghai Municipal Government (SMG) and Ministry of Industry and Information Technology of China (MIIT), together with the National Development and Reform Commission and other related authorities, will be held in Shanghai. With the theme of “Innovation – Empowering Emerging Technologies and Industries”, the IEID2020 aims to provide a forum to bring together leading experts, entrepreneurs and policy-makers around the world, to share insights on the frontiers and future directions of emerging industries underpinned by disruptive technology innovation, and to pool collective wisdom for accelerating the development of emerging industries. With about 1,800 participants, the IEID2020 will consist of activities including plenary session, parallel sessions, roundtable meeting, science and technology achievements exhibition, and project matching.

II. About the Intelligent Manufacturing Technology & Industry Session

Driving a new round of revolution in the second decade of the 20th century, Industry 4.0 and intelligent manufacturing technologies have been generating many transformative technologies while substantially boosting the development of the manufacturing industry. Since 2018, with the quick application of 5G technology, the rapid promotion of industrial internet platforms and the gradual integration of AI technology with the manufacturing industry, new trends and opportunities for accelerating development have emerged in intelligent manufacturing technologies and industries.

Sponsored by Chinese Academy of Engineering (CAE), the 2020 International Forum on Innovation and Emerging Industries Development (IEID2020) – Intelligent Manufacturing Technology & Industry Session is undertaken by the Mechanical and Vehicle Engineering Division and the Information and Electronic Engineering Division, with School of Mechanical Engineering, Shanghai Jiao Tong University as the organizer. Composed of keynote speeches and academic and technical discussions, the session will focus on the new technologies, modes, methods and industrial trends brought by the disruptive emerging technologies including 5G, Industrial Internet and

AI, which have reflected profound influence in the fields of intelligent manufacturing, Industry 4.0 technology and industrial development.

Eight members of the Chinese Academy of Engineering will participate in the forum. The forum will invite over 20 guests from the acatech (National Academy of Science and Engineering), the UK Royal Academy of Engineering (RAEng), Fortune 500 companies well-known in the manufacturing sector, and national key large-scale enterprises. Aiming at in-depth exchanges on major innovations, disruptive technologies and emerging industries development in the field of intelligent manufacturing, the sharing and panel discussions will concentrate on the common issues such as industrial policy, the role of technological innovation in promoting economic development, and institutional mechanisms for non-profit research institutions and innovation and entrepreneurship incubation.

Facts of the previous sessions:



2017 session photo



2019 session photo

III. Agenda

In the form of Onsite + Online +Panel Discussion, the conference will provide a platform for discussing the future plans of intelligent manufacturing technology innovation and transformation, and disruptive transformational industrial development.

Date: September 16, 2020

Venue: THE ANANDI HOTEL AND SPA SHANGHAI (No.7, Linhong Road, Changning Dist, Shanghai, China)

Website: <http://ieid.cae.cn>

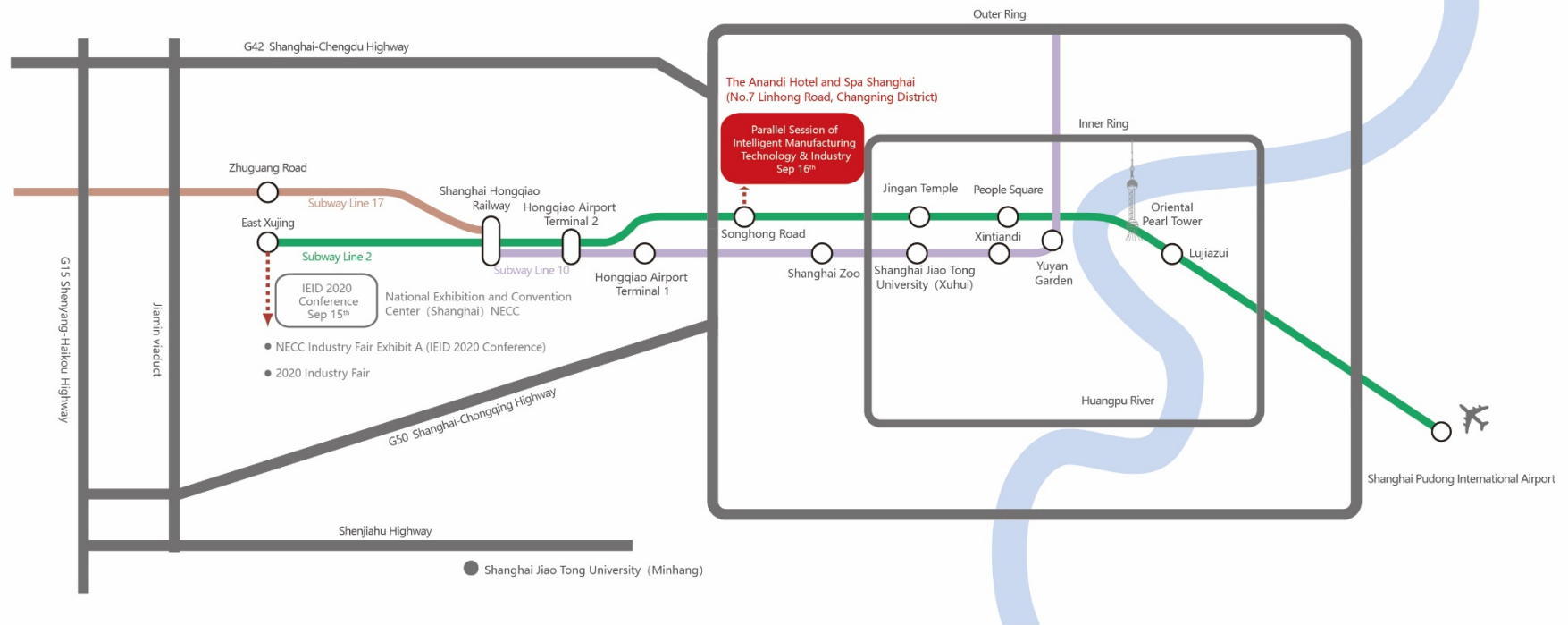
Date: September 16, 2020	
Venue: THE ANANDI HOTEL AND SPA SHANGHAI (No.7, Linhong Road, Changning Dist, Shanghai, China)	
Time	Agenda
9:00-9:10	Opening Speech: Zhongqin LIN, Academician, Chinese Academy of Engineering; President, Shanghai Jiao Tong University
9:10-9:40	Clas Neumann, Senior Vice President, Head of Global SAP Labs Network (Onsite)
9:40-10:10	Chunyuan GU, Chairman of the Board, ABB (China) Ltd. (Onsite)
10:10-10:40	Dwight Carlson, Chairman and CEO of Coherix (Online)
10:40-11:00	Coffee Break (Group Photo)
11:00-11:30	Yingbiao WEI, Vice President of COMAC (Onsite)
11:30-12:00	Georges Andary, Regional President of Bosch Automotive Electronics China (Onsite)
12:00-13:30	Lunch
13:30-14:00	Zuozhi ZHAO, CEO, Power Generation Business, Siemens Power Group (Online)
14:00-14:30	Thomas Bergs, professor of RWTH Aachen University (Online)
14:30-15:00	Xiangqian (Jane) JIANG, member of the UK Royal Academy of Engineering, Professor of the University of Huddersfield (Online)
15:00-15:30	Hao WANG, director of Fraunhofer Project Center for Smart Manufacturing at Shanghai Jiao Tong University (Onsite)
15:30-16:00	Coffee Break
16:00-17:00	Panel Discussion
17: 00	Closing

We welcome all Chinese and foreign guests from academia, business and economic circles to attend the session.

Please email your registration form by September 12. For more inquiry, please contact:

Ms. Qiaowan Zhou Email: qwzhou@sjtu.edu.cn

Transportation



Sep 15th, To IEID 2020 Conference (National Exhibition and Convention Center): Take subway line 2 to East Xujing Station, then walk for around 8 minutes (700 m)

Sep 16th, To Parallel Session of Intelligent Manufacturing Technology & Industry: Take subway line 2 to Songhong Road, then take a taxi for around 9 minutes to No.7 Linhong Road (The Anandi Hotel and Spa Shanghai)

To Shanghai Jiao Tong University (Xuhui): Take Subway line 2 to Shanghai Hongqiao Railway Station and transfer line 10, then get off at Shanghai Jiao Tong University Station

To Shanghai Jiao Tong University (Minhang): Take subway line 2 to Hongqiao Airport Terminal 2 Station and take hongqiao Junction No.4 Bus, then get off at Dongchuan Road-Danshuiheqiao Station

