



**The 2017 International Workshop
on Intelligentized Welding Manufacturing
(IWIWM'2017)**

2017 国际智能化焊接制造研讨会

The BRIEF PROGRAM of IWIWM'2017

IWIWM'2017 简要报告日程

Time		Contents	Speaker	Subject	Presiders	Place
Jun.23	8:00-20:00	Registration Grand Mercure Shanghai Century Park http://rwlab.sjtu.edu.cn/en_IWIWM2017/hotel.html 会议注册 上海证大美爵大酒店			Huabin CHEN 陈华斌	Mulan Hall
	19:30	The meeting of Advisor Committee, Organization Committee and Program Committee			Shan-Ben CHEN	Council Chamber
Jun.24	9:10-9:30	Opening Ceremony	Jiluan PAN; Lin WU; Qiang CHEN, Chinese Welding Society, PRC	Chairman, advisor guests and amphitryon's address 开幕式	Shan-Ben CHEN 陈善本	Mulan Hall
		Theme Address	Tianhu SONG; 宋天虎 China Mechanical Engineering Society PRC 中国机械工程学会	The digitalization, networking and intellectualization of mechanical manufacturing 走向机械制造的数字化网络化智能化		
	9:30-10:00	Keynote Speech	Prof. John Norrish, University of Wollongong, AUS	Developments in Wire Arc Additive Manufacturing (WAAM): An Australian Perspective, 填丝电弧增材制造发展: 澳大利亚概况	Yu-Ming ZHANG; 张裕明	Mulan Hall
	10:00-10:30	Keynote Speech	Zhili Feng and Stan A. David, Oak Ridge National Laboratory, USA	Intelligent Weld Manufacturing: Role of Integrated Computational Welding Engineering 智能焊接制造: 焊接工程集成计算的作用	Lin-Shu WANG, 王麟书	
	10:30-10:50	Coffee Break 茶歇				

10:50-11:15	Invited Speech	Prof. Yoshinori HIRATA, Institute for Academic Initiatives, Osaka University Japan	Understanding of Welding Phenomena of GMAW to Numerical Simulation of Wire Arc Additive Manufacturing 从 GMAW 焊接现象理解填丝电弧增材制造	Zhili FENG 冯智力, Ding FAN 樊丁	Mulan Hall
11:15-11:40	Invited Speech	Prof. Suck-Joo Na Department of ME, KAIST, Korea	Virtual Welding and Additive Manufacturing based on CFD Process Simulations 基于 CFD 过程模拟的虚拟焊接与增材制造		
11:40-12:00	Invited Speech	Wayne HU Associate Editor of Springer in Shanghai	Brief on the Transactions on Intelligent Welding Manufacturing (TIWM) in Springer TIWM 在 Springer 创刊简介		
12:00-13:10	Lunch Time 午餐				
13:10-13:30	Invited Speech	Prof. Wei ZHOU, Nanyang Technological University, SG	Integration and Qualification of Technology for Robotic Welding 机器人焊接的技术集成与技术认证	Dong DU, 都东 Xiangdong JIAO 焦向东	Mulan Hall
13:30-13:50	Invited Speech	Prof. Yuming ZHANG, University of Kentucky, USA	Analytic Weld Pool Model Calibrated by Measurements 基于测量标定的焊接熔池解析模型		
13:50-14:10	Invited Speech	Dr. Zengxi PAN, University of Wollongong, Australia	Automated Programming for Robotic Welding 焊接机器人自动编程		
14:10-14:30	Invited Speech	Prof. Minbo LI, Fudan University PRC	Industry Practice of Industrial Internet and Intelligent Manufacturing 工业互联网与智能制造行业实践		

	14:30-14:50	Invited Speech	Prof. Qixin CAO, Shanghai Jiao Tong University, PRC	The Robotics Functional Component Technology for Smart Factory 面向智慧工厂的机器人功能组件技术研究		
	14:50-15:20	Coffee Break 茶歇				
	15:20-15:40	Invited Speech	Prof. Dong DU Tsinghua University, PRC	Automatic Weld Path Recognition Method Based on Multiple Visual Features Acquisition and Information Fusion, 基于多视觉特征获取与信息融合的自动焊接路径识别	Zengxi PAN 潘增喜, Hao LU 陆皓	Mulan Hall
	15:40-16:00	Invited Speech	Prof. Xiangdong JIAO, Beijing Institute of Petrochemical Technology, PRC	Welding Robot System Applied in Sub-Sea Pipeline-Installation 海底管道铺设焊接机器人系统		
	16:00-16:20	Invited Speech	Prof. Ding FAN Lanzhou University of Technology	Real Time Detection of Weld Penetration with Laser Vision in Gas Tungsten Arc Welding 基于激光视觉的 GTAW 熔透实时检测		
	16:20-16:40	Invited Speech	Prof. Lixia ZHAN SKLAWJ, Harbin Institute of Technology PRC	Advanced Welding at HIT, Surface modification of quartz fiber reinforced composite to improve its wettability by growing carbon nanotubes HIT 先进焊接技术概况		
	16:40-17:00	Invited Speech	Dr. Ke ZHANG, Shanghai Jiao Tong University, PRC	Adaptive control of laser welding with filler wire and intelligent autonomous mobile robot 激光填丝焊的自适应控制及智能自主移动机器人		

	17:00-17:20	Invited Speech	Shan-Ben CHEN Shanghai Jiao Tong University, PRC	The Trend of Advanced Welding: Intelligentized Welding Manufacturing 先进焊接发展趋势：智能化焊接制造		
	17:20-18:30	Moving for Banquet 移动				
	18:30-20:00	Banquet 晚宴				
Jun.25		Attend IIW'2017 参加 IIW2017				

Program Committee of IWIWM'2017

http://rwlab.sjtu.edu.cn/en_IWIWM2017/index.html