

2022(十四届)传感器与MEMS产业化技术国际研讨会(暨成果展)

The 14th International Conference on Commercialization of Transducers & MEMS 2022

Conference Time: 20-21th, Dec 2022, Conference Location: The Yun Hotel Foshan Nanhai

Agenda议程

Date: Registration on 19th Dec. Conference on 9:30-18:10, 20th Dec. and 9:00-17:00, 21th Dec.		
Session1: Opening ceremony, session chair Prof. Xinxin Li 李昕欣		
时间 Time	演讲题目 Topic	演讲人Speaker /职位 Position / 机构 Organization
9:20-09:25	Opening Address: Prof. Xinxin Li, General Chair, 李昕欣教授, 大会主席	
09:25-09:35	广东省佛山市南海区领导致辞	
09:35-10:00	更长远视角, 从容面对寒冬, 我们已在路上.....	王汇联, 广东南海半导体投资有限公司/董事总经理
10:00-10:25	全球化布局的MEMS先进代工龙头The advanced MEMS leader foundry with global layout	杨云春, 杨云春,北京赛微电子股份有限公司 赛莱克斯微系统科技(北京)有限公司董事长 Yunchun Yang, President, Sai MicroElectronics Inc.
10:25-10:55	Tea Break & Exhibition 茶歇及展览	
Session2 Keynote speech, session chair: 黄庆安 Prof. Qing-An Huang, General Co-Chair		
10:55-11:20	传感器与数字化物理世界及其未来的展望 Sensor and digital physical world and its future prospects	丁险峰,万物云/管理合伙人、首席科学家 Sean Ding, Managing Partner, Chief Scientist, OneWo
11:20-11:45	传感器在消费电子和物联网领域的应用 Enriching (MEMS) Sensor Use Cases in CE and IoT	周良, 博世(中国)投资有限公司/高级产品经理, Mr. Zhou Liang, Senior Product Marketing, Manager, Bosch Sensortec GmbH
11:45-12:10	MEMS距离摩尔定律远了还是近了? Is MEMS far or near from Moore's law	李昕欣, 大会主席, 教授中科院上海微系统与信息技术研究所 Prof. Xinxin Li, General Chair, Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences
12:10-13:30	Lunch & Exhibition 午餐及展览	
Session3 Keynote speech, session chair: 杨云春Yunchun Yang		
13:30-13:55	用芯感知 云上创新 Sensor Innovation powered by Application Engine	庄勤益,阿里云智能IoT事业部,IoT副总经理 Qinyi Zhuang, IoT Debuty GM/Alibaba Cloud IoT BU
13:55-14:20	MP0100:微纳制造技术-双光子聚合3D打印工具 MPO100 : Multi-User Tool For 3D Lithography And 3D Microprinting	斯坦德班尼迪克博士, 德国海德堡仪器公司, Multiphoton Optics执行官 Dr. Benedikt Stender, CEO of Multiphoton Optics, Heidelberg Instruments Mikrotechnik GmbH
	MLA300:激光直写技术提升产量解决方案 MLA300: The Maskless Aligner for Volume Production	保罗菲利浦博士, 德国海德堡仪器/产品经理 Dr. Philip Paul, Product Manager/Heidelberg Instruments Mikrotechnik GmbH/Stella International
14:20-14:45	用精密视觉及复杂AI检测技术占领MEMS赛道的“智”高点 Occupied the Commanding Height of MEMS Market with High Precision Vision and Complex AI Inspection Technology	于肖丰, 聚时科技(上海)有限公司/解决方案总监 Yu Xiao Feng, Solutions Director MaMatrixtime Robotics Co., Ltd.
14:45-15:10	MEMS传感器项目投资建设要点分析报告	廖原原,中国电子系统工程第二建设有限公司/设计总院副院长
15:10-15:35	新时代新型MEMS麦克风应用需求讨论 What types of MEMS Microphone are needed for the Meta age?	王云龙, 通用微(深圳)科技有限公司,董事长、总经理 Mark Wang, CEO, GMEMS TECHNOLOGIES Inc.
15:35-16:05	Tea Break & Exhibition 茶歇及展览	
Session4 Keynote speech, session chair:李志宏Zhihong Li		
16:05-16:30	构筑半导体先进的智能底座,助力行业高质量发展	施晓冬,华为技术有限公司/中国政企半导体电子行业顾问
16:30-16:55	氢能行业中的气体传感器制造及应用 Manufacturing and Application of Gas Sensors in Hydrogen Energy Industry	王庆, 汉威科技集团/郑州炜盛电子科技有限公司/研发工程师 Wang Qing, R&D Engineer, Zhengzhou Winsen Electronics Technology Co., LTD.
16:55-17:20	射频滤波器关键技术与研发进展 Key technology and development progress of RF filters	孙博文, 武汉敏声新技术有限公司/首席技术官兼副总经理 Jeffrey Soon, CTO & Vice President, Wuhan MEMSONICS Co., Ltd.
17:20-17:45	智能时代MEMS创新探索与实践 Exploration and Practice of MEMS Innovation in the Intelligent Era	万蔡辛, 无锡韦感半导体有限公司/董事长 Cayman Van, President, Wuxi Willmems Semiconductor Co., Ltd.
17:45-18:10	传感器在智能家居行业的应用	夏云龙, 美的集团/家用空调智能感知负责人
18:10-20:30	Reception Dinner 交流晚宴 黄庆安 Prof. Qing-An Huang, General Co-Chair	
Session5 Keynote speech, session chair:王云龙 Mark Wang		
时间 Time	演讲题目 Topic	演讲人Speaker /职位 Position / 机构 Organization
09:30-09:55	基于硅回流工艺的高真空晶圆级封装技术 High Vacuum Wafer-level Packaging Technology Based on Silicon Reflow Process	田中秀治教授, 会议共主席, 日本东北大学 Prof. Shuji Tanaka, General Co-Chair Tohoku University
09:55-10:20	具备小量产能力的MEMS中试平台支持国内传感器产业发展	高腾,上海微技术工业研究院/高级副总裁
10:20-10:45	3D传感及核心元器件发展之路 Development of 3D sensing and its core components	王懿,麦姆斯咨询/创始人兼首席执行官 Wang Yi, Founder and CEO/MEMS Consulting
10:45-11:15	Tea Break & Exhibition 茶歇及展览	
Session6 Keynote speech, session chair: 万蔡辛Cayman Van		
11:15-11:40	基于柔性微针电极的无线睡眠监测系统 A wireless sleep monitoring system based on flexible microneedle electrodes	李志宏,北京大学/教授 Prof. Zhihong Li, Peking University
11:40-12:05	中科院上海微系统所光学微系统技术研究进展 Recent advances of optical microsystems at SIMIT	武震宇, 中国科学院上海微系统与信息技术研究所/研究员 Zhenyu Wu, Professor, Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences
12:05-13:30	Lunch & Exhibition 午餐及展览	
Session7 Keynote speech, session chair: 武震宇		
13:30-13:55	5G时代的MEMS技术:机遇与挑战 The opportunity and challenges of MEMS technology in the 5G	黄庆安,大会主席,教授,东南大学MEMS重点实验室主任 Prof. Qing-An Huang, Co-Chair, Founding Director of the Key Laboratory of MEMS (the Ministry of Education), Southeast University
13:55-14:20	基于脉冲信号与深度学习的MEMS气体传感器 MEMS Gas Sensors with Pulse Signal and Deep Learning	汪飞, 南方科技大学/副教授,副院长 Fei Wang, Associate Professor, Associate Dean/Southern University of Science and Technology
14:20-14:45	柔性摩擦电式压力传感器 Flexible Triboelectric Pressure Sensors	孙旭辉,苏州慧闻纳米科技有限公司/苏州大学,首席科学家/教授 Xuhui Sun, Chief Scientist/ Professor, Suzhou Huiwen Nanotech. Co., Ltd./Soochow University
14:45-15:10	迷思工艺助力中国传感器制造走向高端领域 MISTech for localization manufacturing of sensors in high-end fields	倪藻,上海迷思科技有限公司/总经理 Nizao, Shanghai Misi Technology Co., Ltd./CEO
15:10-15:40	Tea Break & Exhibition 茶歇及展览	
Session8 Keynote speech, session chair: 黄庆安 Prof. Qing-An Huang, General Co-Chair		
15:40-16:05	金属基MEMS惯性开关以及超柔细纤维器件的3D微加工与应用 3D Micromachining and Applications of Metal-Based MEMS Inertial Switch and Flexible Ultra-Thin Fiber-Based Devices	杨卓青,上海交通大学/教授 Zhuoqing Yang, Professor Shanghai Jiao Tong University (SJTU)
16:05-16:30	MEMS传感器在智能家电中的应用 Application of MEMS Sensing Devices in Smart Home Appliances	刘华丰,无锡芯感智半导体有限公司/中国区市场总监 Liu Hua-Feng, Marketing Director – Greater China & APAC Sencoch Semiconductor Co., Ltd (Wuxi)
16:30-16:55	PMUT 超声波传感器的发展趋势探讨 Discussion on the Development Trend of PMUT Ultrasonic Sensors	张曙光,广东奥迪威传感科技股份有限公司/董事长、总经理 Zhang Shuguang, President/ General Manager, Audiowell Electronics (Guangdong) Co., Ltd.
会议结束 The conclusion of conference		

注: 最终议程以会议当天发布为准。Remark: The exact conference schedule will be provided on the day of conference. The Organization Committee reserves the final right to interpret.