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# **MEMS WORLD SUMMIT CHINA 2021**

The World's Leading MEMS Manufacturing Gathering  
Shanghai, China

**19 - 20  
OCTOBER  
2021**

**MWS**

## **DRAFT AGENDA**

### **THEME: THE MEMS AND SENSORS ECOSYSTEM SUPPORTING THE NEW NORMAL**

#### **19 OCT 2021, DAY 1**

##### **08:00 – 08:30**

Registration

签到

##### **08:35 – 08:40**

Opening Ceremony

开幕典礼

##### **08:45 – 08:55**

Welcome Address

欢迎致辞



##### **09:00 – 09:10**

Opening Address

Alex Gu, SVP – Shanghai Industrial uTechnology Research Institute  
(SITRI) Chairman of the MWS Advisory Board

开幕致辞

古元冬，高级副总裁 - 上海微技术工业研究院、MWS 主席

##### **09:15 – 09:35**

Keynote Address reserved for Li Feng, Jiading Deputy Mayor

主旨致辞



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**INERTIAL MEMS**



**09:40 – 10:00**

Dr Qiang Lv, R&D Director - Nullmax Technology (Shanghai) Co., Ltd.

Topic: Algorithm for Autonomous Driving

吕强博士，研发总监 - 纽劭科技（上海）有限公司

题目：自动驾驶中核心算法介绍



**10:05 – 10:25**

David Wang, CEO – MiraMEMS

Topic: MEMS sensors, the next opportunity for China's chip industry

汪达炜，总经理 - 苏州明瞳传感科技有限公司

题目：MEMS传感器，中国芯片产业的下一个风口

**10:30 – 11:30**

Networking / Coffee and Tea Break / Business Meetings 1 and 2

茶歇、商务会议



**11:35 – 11:55**

Bo Zou, Chairman and CEO - Senodia Technologies (SX) Co., Ltd.

Topic: Technology Trends and Applications of High-Performance IMU

邹波，董事长/总裁 - 深迪半导体（绍兴）有限公司

题目：高精度IMU的技术线路和市场应用



**12:00 – 12:20**

Lucy Huang, CEO – Hanking Electronics (Liaoning) Co., Ltd (Foundry)

Topic: Opportunities in inertial mems manufacturing in China

黄向向，总裁 - 罕王微电子（辽宁）有限公司

题目：MEMS惯性器件制造在中国的机遇

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**12:25 – 12:45**

Chung Lee, Deputy Director, MEMS – Amkor Technology, Inc.

Topic: Standard Package Solutions for Optical Sensors

李炯毅，副處長微機電與傳感器產品 – 安靠科技

題目：光學傳感器之標準化封裝

**12:50 – 13:50**

Networking Lunch

自助午餐

**RF MEMS**

**13:55 – 14:15**

Prof Zewen Liu, Founder and Chairman - SiMEMS (Fabless)

Topic: What we learn from RF MEMS development?

刘泽文博士，创始人和董事长 - 苏州希美维纳系统有限公司

題目：RF MEMS: 现状与展望



**MEMS MICROPHONE**

**14:20 – 14:40**

Eliot Zhu, Audio Expert and Components Team Leader – Xiaomi Inc

Topic: What MEMS Mic Means to Consumers: A Preliminary Discussion

朱守经，音频专家，器件负责人 - 北京小米移动有限软件公司 (End User)

題目：浅谈高性能MEMS麦克风对用户的意义



**14:45 – 15:05**

Dr Wily Wang, CTO – Goertek Microelectronics Inc

Topic: Evolution of MEMS Microphone And Future Outlook

王喆博士，CTO - 歌尔微电子股份有限公司

題目：MEMS 麦克风的进化和未来展望





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### **15:10 – 15:40**

Coffee and Tea Break /Networking / Business Meeting 3

茶歇、商务会议



### **15:45 - 16:05**

Miao Zeng, SVP – Shanghai Industrial uTechnology Research Institute (SITRI)

Topic: MEMS Process Technology Development – New Model (Tentative)

曾淼, 高级副总裁 - 上海微技术工业研究院

题目：微机电工艺技术开发 – 新的产业化模式（暂定）



### **16:10 – 16:30**

Miles Pang, MEMS Product Development Director - Huatian Technology (Nanjing) Co., Ltd

Topic: MEMS Packaging Technology Introduction of HT-TECH

庞宝龙, 产品线研发总监 - 华天科技（南京）有限公司

题目：华天科技MEMS封装技术介绍

## **OTHERS**

### **16:35 – 16:55**

Reserved

### **17:00 – 17:20**

Reserved

### **17:25 – 17:30**

Closing Remark

闭幕致词

### **17:45 – 19:00**

Gala Dinner

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**DRAFT AGENDA**

晚宴

**20 OCT 2021, DAY 2**

**08:45 – 09:10**

Registration

签到

**MEMS LiDAR**



**09:15 – 09:35**

Weide Zhang, Chief Architect - FAW (Nanjing) Technology Development Co.,Ltd

Topic: The requirements of Lidar in autonomous driving

张伟德, 首席架构师 - 一汽(南京)科技开发有限公司

题目: 自动驾驶中激光雷达的需求



**09:40 – 10:00**

Rosana Su, Country Manager – Innoviz Technologies Ltd

Topic: MEMS LiDAR Enable Autonomous Driving

苏淑萍, 中国区总经理

题目: MEMS 激光雷达赋能自动驾驶



**10:05 – 10:25**

Dr Li Jin, Project Manager – United Microelectronics Center (CUMEC)

Topic: The Research of Optical Phased Array based Silicon Photonics Technology.

金里博士, 项目经理 – 联合微电子中心有限责任公司

题目: 硅基光学相控阵技术的研究

**10:30 – 11:00**

Coffee and Tea Break /Networking/Business Meetings 4

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**DRAFT AGENDA**

茶歇、商务会议

**11:05 – 11:25**



Wei Sun, System Solution Engineering Manager – ams OSRAM Group/OSRAM Opto Semiconductors (China)Co., Ltd

Topic: The myths and facts over eye safety of Lidar at 905nm vs 1550nm and a novel wavelength stabilization technology on 905nm EEL

孙文轩, 技术应用经理 - 艾迈斯欧司/朗集团 欧司朗光电半导体（中国）有限公司

题目：关于905nm和1550nm在激光雷达人眼安全的讨论以及一项应用于905nm边缘发射激光器上的波长稳定技术

**ENVIRONMENTAL MEMS**

**11:30 – 11:50**



Winfred Chen, Chief Hardware Architect of AIoT, Home Service Robot, Intelligent Innovation Centre AIoT – Midea Group

Topic : Sensor applications in the Internet of Things

陈苑锋, 首席硬件架构师 - 美的集团

题目：物联网里的传感器应用

**11:55 – 13:00**

Networking Lunch

自助午餐

**13:10 – 13:30**



Dr Block Thomas, Senior Product Manager for Magnetic and Environmental Sensors - Bosch Sensortec GmbH

Topic: Environmental sensors in smart home applications

Block Thomas博士, 磁性和环境传感器高级产品经理 - 博世传感器

题目：环境传感器在智能家居领域的各种应用



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**13:35 – 13:55**

Dimitrios Damianos, Custom Project BD / Technology & Market  
Senior Analyst - Imaging & MEMS - Photonics & Sensing Division -  
Yole

Topic: Gas sensor evolution and the need for better air quality  
monitoring

**PMUT**



**14:00 – 14:20**

Dr Mark Wang, CEO - GMEMS Technologies, Inc

Topic: Finger Gesture Input: A new approach for PMUT actuation and  
sensing

王云龙博士, 总裁 - 通用微科技有限公司

手指输入：PMUT 驱动和传感的新途径

**14:25 – 14:45**

Reserved for SITRI



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**14:50 - 15:10**

Fabio Quaglia, Advanced R&D Solutions Leader Analog & MEMS  
Group – MEMS Microactuators Division – STMicroelectronics

Topic: PMUT: sparking a breakthrough in ultrasound applications



**15:15 – 15:35**

Dr David Haynes, Managing Director of Strategic Marketing in Lam's  
Customer Support Business Group - Lam Research

Topic: Enabling Fabrication Solutions for Advanced Piezoelectric  
MEMS



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### **15:40 – 15:45**

Closing Remarks

闭幕致辞

### **16:00 – 16:15**

Transport to SITRI Fab

运送到SITRI Fab

### **16:30 – 17:30**

SITRI Fab Visit / Coffee and Tea Break

参观SITRI Fab / 茶歇