

AGENDA OVERVIEW

NOVEMBER 18-20, 2022



Thursday Nov. 17th

- 09:00-17:00 | Onsite Sign-In at Lobby & Online Test
- 09:00-18:00 | IEEE NTC Technical Activities Workshop – TAW Initiative (Invited Only)



Friday Nov. 18th

Opening Ceremony

Chaired by: Li Tao

- 08:30-08:45 | Welcome Remarks on 8F Zijin Hall (紫金厅)

Litao Sun, Southeast University Vice President

- 08:45-09:00 | Opening Speech

Jin-Woo Kim, IEEE NTC VP, Fellow 2022, President-Elect (2023)

- 09:00-09:45 | Plenary Speech

Jin-Woo Kim, IEEE NTC VP, Fellow 2022, President-Elect (2023)

S1 Nanoelectronics

Chaired by: Xuqian Zheng

- 10:00-10:30 | Keynote Speech

Jianbin Xu, The Chinese University of Hong Kong

- 10:30-11:00 | Keynote Speech

Xiaoning Jiang, North Carolina State University

- 11:00-11:30 | Keynote Speech

Zhongming Wei, Institute of Semiconductors, Chinese Academy of Sciences

- 11:30-11:45 | Invited Speech

Xuqian Zheng, Nanjing University of Posts and Telecommunications

AGENDA OVERVIEW

NOVEMBER 18-20, 2022



Friday Nov. 18th

S2 Wearable & Printed Electronics

Chaired by: Li Tao

- **10:30-11:00 | Keynote Speech**

Weida Hu, Shanghai Institute of Technical Physics

- **11:00-11:30 | Keynote Speech**

Long Que, Iowa State University

- **11:30-11:45 | Invited Speech**

Wei Gao, California Institute of Technology

- **11:45-12:00 | Contributed Speech**

Ying Gu, Chinese Academy of Sciences

S3 Nanophotonics

Chaired by: Xuqian Zheng

- **14:30-15:00 | Keynote Speech**

Hengxing Ji, University of Science and Technology of China

- **15:00-15:15 | Invited Speech**

Yang Xu, Zhejiang University

- **15:15-15:30 | Invited Speech**

Rui Yang, Shanghai Jiao Tong University

- **15:30-15:45 | Invited Speech**

Chao Wang, Arizona State University

- **15:45-16:00 | Invited Speech**

Jia Hao, Chinese Academy of Sciences

AGENDA OVERVIEW

NOVEMBER 18-20, 2022



Saturday Nov. 19th

Plenary Speech

Chaired by: Li Tao

- 08:00-08:45 | Plenary Speech

Zhihong Chen, IEEE Fellow, Purdue University

- 09:00-09:45 | Plenary Speech

Deji Akinwande, IEEE Fellow, University of Texas at Austin

S4 Nano Electronics & Sensors

Chaired by: Hao Jia

- 10:30-11:00 | Keynote Speech

Xinxin Li, SIM

- 11:00-11:30 | Keynote Speech

Lixin Dong, City University of Hong Kong

- 11:30-11:45 | Invited Speech

Jinxing Li, Michigan State University

- 11:45-12:00 | Invited Speech

Nanshu Lu, The University of Texas at Austin

AGENDA OVERVIEW

NOVEMBER 18-20, 2022



Saturday Nov. 19th

S5 Device & Fabrication

Chaired by: Xiaogan Liang

- **10:00-10:30 | Keynote Speech**

Yuegang Zhang, Tsinghua University

- **10:30-11:00 | Keynote Speech**

Biwu Ma, Florida State University

- **11:00-11:30 | Keynote Speech**

Wei Lu, University of Michigan

- **11:30-11:45 | Invited Speech**

Wen-Di Li, The University of Hong Kong

- **11:45-12:00 | Invited Speech**

Cheng Zhang, Huazhong University of Science and Technology

- **12:00-12:15 | Contributed Speech**

Feras Al-Dirini, King Fahd University Of Petroleum And Minerals

- **12:15-12:30 | Contributed Speech**

Rui Qiu, Peking University

S6 Nanofabrication and Nanomanufacturing

Chaired by: Jinshui Miao

- **14:00-14:30 | Keynote Speech**

Bo Cui, University of Waterloo

- **14:30-15:00 | Keynote Speech**

Ping-Heng Tan, Institute of Semiconductors, Chinese Academy of Sciences

- **15:00-15:15 | Invited Speech**

Li Tao, Southeast University

- **15:15-15:30 | Invited Speech**

Jinshui Miao, Shanghai Institute of Technical Physics

AGENDA OVERVIEW

NOVEMBER 17-20, 2022

- 15:30-15:45 | Contributed Speech

Mingze Chen, Michigan State University

- 15:45-16:00 | Contributed Speech

Kun Wang, City University of Hong Kong



Sunday Nov. 20th

Plenary Speech

Chaired by: Li Tao

- 09:45-10:30 | Plenary Speech

Rod Ruoff, Ulsan National Institute of Science and Technology

- 10:30-11:15 | Plenary Speech

Huiming Cheng, Academician

S7 Materials/Devices/Education for Neuromorphic/IoT/AI

Chaired by: Jinshui Miao

- 10:00-10:30 | Keynote Speech

Qiangfei Xia, University of Massachusetts Amherst

- 10:30-10:45 | Invited Speech

Can Li, The University of Hong Kong

- 10:45-11:00 | Invited Speech

Yiyang Li, University of Michigan

- 11:00-11:15 | Invited Speech

Gina C. Adam, George Washington University

- 11:15-11:30 | Contributed Speech

Bohua Zhang, North Carolina State University

- 11:30-11:45 | Contributed Speech

Qinqi Ren, Peking University

- 11:45-12:00 | Contributed Speech

Yuki Shimada, Tokyo University of Agriculture and Technology

AGENDA OVERVIEW

NOVEMBER 17-20, 2022



Sunday Nov. 20th

S8 Nanomaterials/devices

Chaired by: Xiaogan Liang

- **10:00-10:30 | Keynote Speech**
Katsuo Kurabayashi, University of Michigan
- **10:30-11:00 | Keynote Speech**
Dean Aslam, University of Michigan
- **11:00-11:15 | Invited Speech**
Cunjiang Yu, University of Houston
- **11:15-11:30 | Invited Speech**
Seungjun Ki, University of Michigan
- **11:30-11:45 | Contributed Speech**
Zlatan Aksamija, University of Massachusetts-Amherst
- **11:45-12:00 | Contributed Speech**
Safayat-Al Imam, Ahsanullah University of Science and Technology
- **12:00-12:15 | Contributed Speech**
Asaki Yoshida, Tokyo University of Agriculture and Technology

S9 Semiconductors and Devices

Chaired by: Li Tao

- **14:00-14:30 | Keynote Speech**
Shulong Lu, Chinese Academy of Sciences
- **14:30-15:00 | Keynote Speech**
Qing Dai, Northern Nevada International Center
- **15:00-15:30 | Keynote Speech**
Yong Zhu, North Carolina State University
- **15:30-15:45 | Contributed Speech**
MEJO A J, Indian Institute of Technology
- **15:45-16:00 | Contributed Speech**
Xuetao Wang, NaMLab gGmbH
- **16:00-16:30 | Keynote Speech**
Paolo Samori, University of Strasbourg

16:30-17:00 | Award & Closing