

ISFSE2017 Program

| June 28th, Wednesday | | | | |
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| REGISTRATION | | | | |
| TIME | VENUE | | | |
| 14:30-21:00 | International Academic Exchange Center (No.8 BLDG) 1 st Floor | | | |
| June 29th, Thursday | | | | |
| VENUE | CHAIR | TIME | NAME | TITLE |
| Lecture Hall (3 rd Floor) | Jianfeng Zang | 8:30-8:40 Opening addresses | Representatives HUST | Opening address |
| | | 8:40-9:00 | Group Photo | |
| | Jianfeng Zang | 9:00-9:35 Plenary Speech | Yunqi Liu CAS, China | High mobility semiconducting polymers and their field-effect transistors |
| | Jianfeng Zang | 9:35-10:10 Plenary Speech | Changming Li SUST, China | Soft to architect hard materials for miniaturized sensors |
| 10:10-10:30 Coffee Break | | | | |
| Lecture Hall (3 rd Floor) | Zhigang Wu | 10:30-11:00 Keynote Talk | Dae-Hyeong Kim Seoul Natl. Univ., S. Korea | Soft Electronics in Medicine |
| | | 11:00-11:30 Keynote Talk | Wenping Hu Tianjing Univ., China | Electronic of organic micro- and nanocrystals |
| | | 11:30-12:00 Keynote Talk | Xiangshui Miao HUST, China | Multicolor display device with phase change materials on paper substrate |
| 12:00 Buffet | | | | |
| Time | Flexible Sensors Chair: Chengliang Wang Lecture Hall (3 rd Floor) No. 8 BLDG | | 2D Materials for Optoelectronics Chair: Dehui Li The multi-function hall (2 nd Floor) No. 8 BLDG | |

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| 14:00-14:30 | Guozhen Shen (KN) CAS, China Flexible nanowire photodetectors and image sensors | Qiaoliang Bao (KN) Monash, Australia Photonics and optoelectronics of two-dimensional materials |
| 14:30-15:00 | Haixia Zhang (KN) PKU, China Flexible and stretchable self-powered active Sensing technology | Jun He (KN) NCNST, China Low dimensional metal chalcogenide semiconductors: design, synthesis and applications |
| 15:00-15:20 | Wei Gao (IN) UC Berkeley, USA Wearable Sweat Biosensors | Yu Ye (IN) PKU, China Enhanced device performance from single-layer transition metal dichalcogenides |
| 15:20-15:40 | Liqiang Li (IN) CAS, China Controlled Assembly of Electrode Materials and Their Applications in Organic Transistors and Sensors | Xinfeng Liu (IN) NCNST, China 3R-phase MoS ₂ serving as Ultra-thin Nonlinear Optical Device |
| 15:40-16:00 | Zunfeng Liu (IN) NKU, China Hierarchically Buckled Sheath-Core Fibers for Superelastic Electronics, Sensors, and Torsional Muscles | Kai Zhang (IN) SINANO, China Plasmonic and band structure engineering: towards efficient tailoring the photonic properties of 2D materials |
| 16:00-16:40 Poster Presentation & Coffee Break | | |
| 16:40-18:30 | Panel Discussion Lecture Hall (3 rd Floor) | FL: Li CM (Chair); Huang YG, Liu YQ; Kim DH; Chen XD; Duan XF, Xiong QH; Xu JB |
| 18:30 Banquet | | |

| June 30th, Friday | | | | |
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| VENUE | CHAIR | TIME | NAME | TITLE |
| Lecture Hall (3 rd Floor) | Rong Chen | 8:30-9:05 Plenary Speech | Yonggang Huang Northwestern University, USA | Soft network composite materials with deterministic and bio-inspired designs |
| | | 9:05-9:35 Keynote Talk | Xiangfeng Duan UCLA, USA | 2D Electronics and Optoelectronics: Opportunities and Challenges |
| | | 9:35-9:50 | Awarding for Best Poster VIP Guest: Jiwen Liu | |

| 9:50-10:00 Coffee Break | | |
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| Time | 2D Materials: Synthesis & Applications Chair: Shuai Wang Lecture Hall (3 rd Floor) No. 8 BLDG | Flexible Functional Devices Chair: Jiang Tang The multi-function hall (2 nd Floor) No. 8 BLDG |
| 10:00-10:30 | Qihua Xiong (KN) NTU, Singapore Interlayer Coupling and Charge Transfer in 2D Semiconductors and Heterostructures | Xiaodong Chen (KN) NTU, Singapore Rational Design of Structural Materials for Functional Flexible Devices |
| 10:30-10:50 | Jia Zhu (IN) NJU, China Interfacial Solar Vapor Generation: Materials, Structures and Applications | Qing Zhang (IN) PKU, China High Performance Small Perovskite Lasers |
| 10:50-11:10 | Zheng Liu (IN) NTU, Singapore Landscape of Two-dimensional Transitional Metal Dichalcogenides (TMDs): Synthesis, Characterization and Applications | Junqing Liu (IN) Nanjing Tech, China Solution-Processable Flexible Memory Devices based on Two-Dimensional Materials |
| 11:10-11:30 | Zhongming Wei (IN) CAS, China 2D semiconductors and (opto)electronics based on MoS ₂ | Huanli Dong (IN) CAS, China From 1D to 2D conjugated polymer crystals and their applications in devices |
| 11:30-11:50 | Bo Peng (IN) UESTC, China Ultrafast charge transfer in 2D TMDCs heterostructures | Bo Li (IN) Villanova Univ., USA Integration of 2D TMDCs and heterostructures to polymer substrate for flexible electronics |
| 12:00 Buffet | | |
| Time | Flexible Energy Devices Chair: Jun Zhou Lecture Hall (3 rd Floor) No. 8 BLDG | Flexible Functional Devices Chair: Yongan Huang The multi-function hall (2 nd Floor) No. 8 BLDG |
| 14:00-14:30 | Guanglei Cui (KN) QIBBT, CAS Rigid-Flexible Coupling Polymer Electrolyte towards All-Solid-State Lithium Battery | Jeong-Yun Sun (KN) SNU, S. Korea Highly Stretchable, Transparent Ionic Touch Panel |
| 14:30-14:50 | Yang Yang (IN) ZJU, China High performance perovskite solar cell on rigid and flexible substrate | Caofeng Pan (IN) BINN, CAS, China ZnO nanowire LED arrays for visual strain/pressure mapping by |

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| | | piezo-phototronic effect |
| 14:50-15:10 | Ya Yang (IN) BINN, CAS, China Flexible triboelectric nanogenerators and hybridized systems | Jun Zhang (IN) CAS, China Resolved Sideband Raman Cooling in Semiconductors |
| 15:10-15:30 | Xinyu Xue (IN) Northeastern Univ., China Surface-Piezo Coupling Effect and Self-Powered Multifunctional Flexible Electronic-Skin | Yu Liu (IN) JNU, China More Opportunities in Digital Printing of Meso-scale Functional Components |
| 15:30-15:50 | Kailiang Ren (IN) BINN, CAS, China Energy Harvesting using electroactive polymers | Fengyu Li (OR) CAS, China Flexible multi-analysis electronics: Perception of humans self |
| 15:50-16:10 | | Yuanqing Li (OR) CQU, China Flexible And Conductive Silicone Composite Based On Carbonized Melamine Sponge For Humanmotion Detection |
| Adjourn | | |