

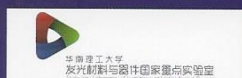
The 24th International Conference
on Science and Technology of Synthetic Metals

ICSM 2016



Guangzhou CHINA
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Organized By



TOPIC 3 Poster Session 2, Wednesday, 18:30-21:30 Yellow Hall

- W-3-28 A High Performance Organic Nonvolatile Memory Based on High-K Dielectric HfO₂ Charge-Trapping Layer
Wenchao Xu¹, Xubing Lu¹ and J. M. Liu^{1,2}
¹South China Normal University, ²Nanjing University
- W-3-29 Photo-responsive field-effect transistors (FETs) using organic tetracene/MoS₂ hybrid
Hyeon Jung Park¹, Jun Young Kim¹, Min Su Kim², Jeongyong Kim^{2,3} and Jinsoo Joo¹
¹Korea University, Seoul, ²Institute for Basic Science, ³Sungkyunkwan University
- W-3-30 Flexible Solution-processed Ambipolar Thin-film Transistors Based on Polymer/Octadecyl-phosphonic Acid Treated Indium Oxide Hybrid Structure with Balanced Hole and Electron Mobilities
Sheng Sun, Linfeng Lan, Yuzhi Li, Zhenhui Chen and Junbiao Peng
South China University of Technology
- W-3-31 Ambipolar performance of organic field-effect transistors based on single crystals
Liqun Liu¹, Jian Deng¹, Yan Wang¹ and Yuguang Ma^{1,2}
¹Jilin University, ²South China University of Technology
- W-3-32 Control of Major Carriers in an Ambipolar Semiconducting Polymer by Self-Assembled Monolayers on the Dielectric Surface
Masahiro Nakano, Itaru Osaka and Kazuo Takimiya
Emergent Molecular Function Research Group, RIKEN Center for Emergent Mater Science
- W-3-33 Two-Dimensional π -Expanded Quinoidal Oligothiophenes as n-Type Semiconductors for High-Performance Organic Thin-Film Transistors
Cheng Zhang, Yaping Zang, Chong-an Di and Xiaozhang Zhu
Institute of Chemistry, Chinese Academy of Sciences
- W-3-34 Interface characteristics of organic rubrene/MoS₂ hybrids and nano-optoelectronic devices
Cheol-Joon Park¹, Hyeon Jung Park¹, Yong-Jun Lee², Jinsoo Joo¹ and Jeongyong Kim²
¹Korea University, Seoul, ²Sungkyunkwan University