

Session Code	[04] Mol1
Session Title	Advanced Neural Interfaces 1
Date and Time	Monday, October 4, 2021 / 10:30-11:50
Session Room	Room I (203)
Session Chair(s)	Kyung-In Jang (DGIST, Korea)

[[04] Mol1-1] Invited Talk **10:30-10:55**

Soft Wireless Optofluidic Neural Interfaces: Opportunities and Challenges for Chronic and Target-Specific Neuromodulation

Jae-Woong Jeong (*KAIST, Korea*)

[[04] Mol1-2] Invited Talk **[Online] 10:55-11:20**

Implantable Optoelectronic Devices for Advanced Neural Interfaces

Xing Sheng (*Tsinghua Univ., China*)

[[04] Mol1-3] **11:20-11:35**

Low-Cost, Ultra-Facile Fabrication of Transparent PEDOT:PSS Neural Electrode Array for Simultaneous Electrocorticography with Photoelectric Artefact-Free Optogenetics

Ki Jun Yu, Young Uk Cho, Ju Young Lee, Sang Hoon Park (*Yonsei Univ., Korea*), Ui Jin Jeong, and Il Joo Cho (*KIST, Korea and Korea Univ., Korea*)

[[04] Mol1-4] **11:35-11:50**

Highly Thermostable and Reproducible Ag Ultrathin Transparent Heater

Thi Bao Tran Vo and Dooho Choi (*Dong-Eui Univ., Korea*)