

Session Code	[04] Tul2
Session Title	Wearable Bioelectronics 2
Date and Time	Tuesday, October 5, 2021 / 14:00-15:35
Session Room	Room I (203)
Session Chair(s)	Jae-Woong Jeong (KAIST, Korea)

[[04] Tul2-1] Invited Talk **[Online] 14:00-14:25**

Smart and Connected Soft Bioelectronics for Advancing Human Healthcare

W. Hong Yeo (*Georgia Tech., USA*)

[[04] Tul2-2] Invited Talk **[Online] 14:25-14:50**

Miniaturized, Flexible Electronic Systems for Medical Devices

Kyeongha Kwon (*KAIST, Korea*)

[[04] Tul2-3] **14:50-15:05**

3D Printing of Carbon, Metallic and Magnetic Polymer Nanocomposite Inks for Functional Microarchitectures

Muhammad Wajahat (*KERI, Korea and Univ. of Sci. and Tech., Korea*), Ho Hyung Sim, Jinhyuck Ahn, Jung Hyun Kim, Seonghyeon Kim, Jongcheon Bae, Jaeyeon Pyo (*KERI, Korea*), and Seung Kwon Seol (*KERI, Korea and Univ. of Sci. and Tech., Korea*)

[[04] Tul2-4] **15:05-15:20**

Single-Crystalline-Silicon-Based Stretchable Strain Sensor and Deep-Learning-Based Strain-to-Word Conversion Algorithm for Silent Communication System

Ki Jun Yu, Taemin Kim, Kyowon Kang, Kiho Kim, and Gwanho Kim (*Yonsei Univ., Korea*)

[[04] Tul2-5] **15:20-15:35**

Percolated Pd Nanoparticle Systems Embedded in Elastomeric Fibers for Sensitive and Stretchable Multi-Sensing Sensor

Chihyeong Won and Taeyoone Lee (*Yonsei Univ., Korea*)