

Session Code	[04] Wel2
Session Title	Advanced Materials for Flexible Electronics
Date and Time	Wednesday, October 6, 2021 / 13:20-14:45
Session Room	Room I (203)
Session Chair(s)	Jang-Ung Park (Yonsei Univ., Korea) Wonryung Lee (KIST, Korea)

[[04] Wel2-1] Keynote Talk **[Online] 13:20-13:50**

Materials the Activator of Our Prosperity

Rodrigo Martins, Luís Pereira, Pedro Barquinha, and Elvira Fortunato (*Universidade NOVA de Lisboa, Portugal and CEMOP/UNINNOVA, Portugal*)

[[04] Wel2-2] Invited Talk **[Online] 13:50-14:15**

Grazing Incidence X-ray Scatterings of Conjugated Polymer blends used in Organic Optoelectronic Devices

Benjamin Agyei-Tuffour, Joseph Asare (*Univ. of Ghana, Ghana*), Christopher E. Petoukhoff, Deirdre M. O' Carroll (*Rutgers Univ., USA*), and Winston O. Soboyejo (*Worcester Polytechnic Inst., USA*)

[[04] Wel2-3] **14:15-14:30**

Selective Plasticization And Transformation To Develop Three Dimensional Electronics From Flexible Membrane-Type Forms

Jihun Cha, Gi-Gwan Kim, and Heung Cho Ko (*GIST, Korea*)

[[04] Wel2-4] **14:30-14:45**

Rational Design Rule of Shape Morphing Technology using Plastic Elastomeric Framework Assembled using Chemical Bonding of Self-Assembled Monolayers for Three-Dimensional Membrane-Type Electronics

Jung Il Yoo and Heung Cho Ko (*GIST, Korea*)