



# NANO KOREA 2024

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## **Prof. Jeong Jae (JJ) Wie**

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**Jeong Jae Wie** is an associate professor in the Department of Organic and Nano Engineering at Hanyang University, Seoul, South Korea, and a group leader in the Advanced Materials Research Laboratory (AMRL). He is also an adjunct research professor in the Department of Chemical Engineering and M. Szwarc Polymer Research Center at the State University of New York College of Environmental Science and Forestry (SUNY ESF). He obtained his Ph.D. in the Department of Chemical Engineering from the University of Delaware in 2013. Before joining Hanyang University, he worked as a Postdoctoral Fellow in the Department of Materials and Manufacturing Directorate at the US Air Force Research Laboratory (AFRL), until 2014 and in the Department of Mechanical Engineering at Massachusetts Institute of Technology (MIT) until 2015. His main research topic focuses on development of external stimuli-responsive soft robotic systems and tunable devices based on liquid crystalline polymers and magnetic polymer composites, and value-addition of waste-based materials including elemental sulfur and lignin.