

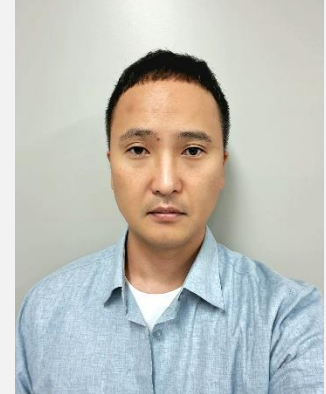


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The 22nd International Nanotech Symposium & Exhibition

Associate Professor. Seongmin Bak

Department of Materials Science and Engineering,
Yonsei University, Korea



Prof. Bak holds undergraduate and Ph.D. degrees in Material Science and Engineering from Yonsei University in Seoul, Korea. After completing his Ph.D. in 2013, he joined the Chemistry Department at Brookhaven National Laboratory as a postdoctoral researcher. He was promoted to staff scientist in 2016. In 2020, he moved to the National Synchrotron Light Source II at Brookhaven National Lab, where he worked until joining Yonsei University in 2023.

Professor Bak's research over the past decade has focused on the discovery, design, synthesis, and characterization of novel, energy-relevant materials. His work emphasizes the fundamental understanding of chemistry and elucidating the mechanisms that govern the relationship between structure and properties. His research provides guidance and approaches to improve the properties of battery materials, and he has made significant contributions to the field.