



Prof. Sang-Woo Kim

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Dr. Sang-Woo Kim is a YONSEI World-Class Fellow Professor at the Department of Materials Science and Engineering of Yonsei University. Currently, he is the Director of the Center for Human-oriented Triboelectric Energy Harvesting and the Center for National Core Materials Research, both funded by the National Research Foundation of Korea. After completing his PhD at Kyoto University and a postdoc at the University of Cambridge, he joined Sungkyunkwan University (SKKU) in 2009 and became a full professor in 2017. He was later honored as an SKKU Fellow Professor in 2019. In February of this year, he moved to Yonsei University.

His recent research interests are focused on piezoelectric/triboelectric nanogenerators, implantable medical devices, self-powered wearable electronics, and 2D materials.

Prof. Kim has a publication record, with over 300 research papers published, including articles in prestigious journals such as Science and Nature (with an H-index of 88). He has also delivered over 100 Plenary, Keynote, and Invited talks at international and domestic conferences.

In 2018, he served as the Chairman of the 4th NGPT (Nanogenerators and Piezotronics) conference at SKKU and was the Director of the SAMSUNG-SKKU Graphene/2D Research Center. Currently, Dr. Kim holds the position of Vice President at the Materials Research Society of Korea and serves as an Executive Board Member of Advanced Electronic Materials (Wiley). Additionally, he is the Editor-in-Chief of the Korean Journal of Materials Research and the Journal of Sensor Science and Technology.