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Prof. Sooyeon Cho is an Associate Professor in the School of Chemical Engineering at Sungkyunkwan University (SKKU). Before joining SKKU, he was a postdoctoral associate in the Department of Chemical Engineering at the Massachusetts Institute of Technology working with Prof. Michael S. Strano. He received his B.S and Ph.D. in Chemical Engineering from the Korea Advanced Institute of Science and Technology with Prof. Hee-Tae Jung. Prof. Cho's research centers on sensor engineering and nanotechnology, with particular emphasis on near infrared fluorescent single walled carbon nanotube platforms, and artificial intelligence integrated signal decoding. He explores scientific questions about how the quantum mechanics and surface chemistry of semiconducting carbon nanotubes can be tailored and combined with instrumental interfaces, mathematical modeling, and artificial intelligence. He has received numerous prestigious honors including the TORAY Science Fellowship, POSCO Science Fellowship and the Innovators Under 35 Asia Pacific recognition by MIT Technology Review. He is also recognized as a Rising Star in Measurement Science by the American Chemical Society and Distinguished Lectureship Award in Analytical Chemistry by the Chemical Society of Japan.