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Short biography:

Gilgueng Hwang was born in South Korea, in 1977. He received a B.S. degree in electrical engineering from Yonsei University, Seoul, South Korea, an M.S. degree and a Ph.D. degree in electrical engineering from The University of Tokyo, Tokyo, Japan, in 2002, 2005, and 2008. He spent 2 years in ETH Zurich, Switzerland as an academic guest for a collaborative research project. Then he worked as a postdoc for 2 years in ISIR, Sorbonne University, Paris, France. From 2010, he has been working as a CNRS research scientist (Chargé de Recherche) in C2N, Paris-Saclay University, Palaiseau, France. He is currently a visiting scholar at LIMMS, The University of Tokyo, Japan which is an international joint research laboratory between the University of Tokyo and CNRS. His research interest covers 3D/4D MEMS, micro/nanofabrication, micro/nanorobotics, micro/nanofluidics, lab-on-a-chip, artificial organs, organ-on-chip, in-situ SEM characterization, nanomanipulation.