

MMS2020 - Delegate Member Biography Form

First Name	Jong G.	Last Name	Ok
Title/Position	Assistant Professor	Affiliation	Seoul National University of Science and Technology
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Biography	Photo
<p>Dr. Jong G. Ok is an assistant professor in Mechanical and Automotive Engineering at Seoul National University of Science and Technology. He received B.S. and M.S. degrees in Mechanical and Aerospace Engineering from Seoul National University in 2002 and 2007, respectively, and received his Ph.D. degree in Mechanical Engineering at the University of Michigan in 2013. He served as a research fellow in Electrical Engineering and Computer Science at the University of Michigan in 2013, and worked as a research staff at Samsung Advanced Institute of Technology in 2013-2014. His research interests involve the smart and scalable nanomanufacturing technologies highlighted by roll-to-roll nanofabrication and continuous, template-free nanopatterning, multiscale hybrid nanoarchitectures comprising carbon nanotubes, graphene, and metal oxide nanowires, and the solution-processable nanofabrication utilizing diverse nanomaterial solutions, for mechanical, photonic, electronic, chemical/biological sensing, and energy devices.</p> <p>He has authored 56 international journal papers and over 160 conference articles including 17 invited ones. He was awarded many of his academic achievements including the Graduate Student Best Paper Award for his master work at Seoul National University in 2008, the College Regents Fellowship at the University of Michigan in 2007-08, and the Gold and Silver Medals of the KSME-SEMES Open Innovation Challenges in 2018 and 2019. Also acknowledged from multiple professional societies, he was awarded two times of the Young Manufacturing Engineers Awards in 2016 and 2017 from the Korean Society of Manufacturing Technology Engineers, and the Young Researcher Award from the Korean Society of Micro and Nano Systems in 2018.</p>	<div data-bbox="1149 772 1404 1113" data-label="Image"> </div> <div data-bbox="1133 1255 1421 1285" data-label="Caption"> <p>Logo of the Institution</p> </div> <div data-bbox="1133 1369 1421 1654" data-label="Image"> </div>