


Personal Information

Full name	Tomohiro Nozaki	
Current position	Professor	
Organization	Tokyo Institute of Technology	
Country	Japan	

Short Biography

Dr. Nozaki received B.E. and M.E. degrees from Toyohashi University of Technology, Japan, both in Energy Engineering, in 1993 and 1995. He started his carrier at Ishikawajima-Harima Heavy Industries. Co. Ltd. (IHI) ('95-'96), where he engaged in the pulverized coal combustion and the environmental protection technology development. He became a faculty of Gifu University in Mechanical Engineering ('96-'99), studying industrial heat exchangers and their optimization. He has been an Assistant Professor of Tokyo Institute of Technology in the Department of Mechanical Engineering since 1999. He directed his research to plasma chemistry and received Ph.D. from Tokyo Institute of Technology in 2003. After his postdoctoral work at the University of Minnesota ('03-'04), he received full professorship from Tokyo Institute of Technology in 2012. He pioneered various innovative plasma processing technology based on atmospheric pressure non-thermal plasmas, and is exploring new technology in the fields of Plasma Catalysis, Natural gas conversion, Power-to-Gas, Carbon nanotubes and silicon nanoparticles synthesis and photovoltaic application. He received the Young Scientist Awards from the Japan Society of Mechanical Engineers ('05) and the Japan Petroleum Institute ('10). He also received Plasma Materials Science Award, JSPS 153 branch ('12) and Plasma Electronics Award, Japan Society of Applied Physics ('16). He is currently a Board of Director of International Plasma Chemistry Society, Editorial Board of Plasma Chemistry and Plasma Processing (Springer), International Advisory Board of Plasma Processes and Polymers (Wiley), and the Director of Innovative research promotion (Versatile Innovative Plasma Science), Tokyo Institute of Technology.