

第289回GMSI公開セミナー／第112回CIAiSセミナー／第34回iFSセミナー

Young Faculty Workshop with PNU professors

## Professor Chae-Ryong Cho

Department of Nanoenergy Engineering, Pusan National University

## Professor Jin-Woo Oh

Department of Nanoenergy Engineering, Pusan National University

**Date: Tuesday, 26 February 2019, 12:00-13:00**

**Venue: Room 63C2, 6F, Faculty of Engineering Bldg. 2**

### Professor Chae-Ryong Cho

In 1986, Prof. Cho graduated from department of physics at Pusan National University. In 1995, he got his Ph. D. degree in physics department of graduate school as research theme on the ferroelectric device fabrication and its physical properties. During 1996-1999, he was conducted the research on piezoelectric thin film and acoustic emission sensors as postdoctoral researcher at the materials science and engineering department of the University of Illinois (UIUC) and University of Minnesota (UOM). During 1999-2006, he also studied on thin film fabrication and surface analysis at government-funded research institutes, ETRI and KBSI as principle researcher and team leader. Since 2006, as a professor in College of Nanoscience and Nanotechnology of PNU, he is studying on the synthesis of nanostructures, photocatalysts, solar cells, and lithium ion secondary batteries. The main research material is Si and B nanoparticles, CNT, graphene, GO, metal oxide nanofiber, and 2D metal sulfides and the synthesis method is electrospinning, laser pyrolysis, and hydrothermal process. To date, he has published more than 205 SCI papers and has registered about 30 patents.



### Professor Jin-Woo Oh

For more than five years, Dr. Jin-Woo Oh has honed his knowledge of M13 bacteriophage, biophotonics, the synthesis of nano-biomaterials, biometric self-assembly and bio-photoelectronics through his extensive research. Currently, he has worked as director of the Future Materials Discovery Business: Center for Phage-Meta Materials since 2018, director of the Institute of BIT Convergence Technology since 2017, and associate professor in the department of nanoenergy engineering at Pusan National University in Busan, Republic of Korea, since 2016. He commenced his career as an assistant professor in the department on nanoenergy engineering at Pusan National University in 2012, holding the role for four years. An expert in his field, Dr. Jin-Woo Oh holds a Bachelor of Science in chemistry, Master of Science in physical chemistry and Doctor of Philosophy in physical chemistry from Hanyang University in Seoul. Subsequently, he completed two postdoctoral fellowships: one in chemical engineering at Hanyang University and one in bioengineering at the University of California, Berkeley. With a vast amount of knowledge at his disposal, Dr. Oh has contributed more than 100 papers to prestigious professional journals.



主催: 東京大学大学院工学系研究科専攻間横断型教育プログラム 機械システム・イノベーション (GMSI)  
最先端融合科学イノベーション教育研究コンソーシアム (CIAiS)  
未来社会空間の創生 国際卓越大学院 (WINGS iFS)  
本件連絡先: 東京大学大学院工学系研究科機械工学専攻 特任講師 Il Jeon  
GMSI事務局 E-mail: office@gmsi.t.u-tokyo.ac.jp Phone: 03-5841-0696