

Bongjin Simon Mun

Addresses

Department of Physics and Photon Science
Gwangju Institute of Science and Technology
Gwangju, 500-712, South Korea

Contact Information

Office: (82) 062-715-2882
Mobile: (82) 010- 4508-5474
Fax: (82) 062-715-2224
E-mail: bsmun@gist.ac.kr

Education

Ph.D. in Physics, Dec. 2001 University of California, Davis (Advisor: Prof. Charles S. Fadley)
M.S. in Physics Mar. 1998 University of California, Davis
B.S. in Physics May 1993 University of Maryland at College Park

Professional Experience

Upon receiving Ph.D in Physics, Mun worked at Intel before joining Advanced Light Source, Lawrence Berkeley National Laboratory as a beamline scientist in 2002. In 2007, Mun joined Hanyang University in Korea, then moved to Gwangju Institute of Science and Technology as a faculty members in the department of Physics and Photon Science. The main research interest of Mun is to investigate the correlation between surface chemical properties and electronic structures under reaction conditions. Mun, having more than 20 years of experience on synchrotron radiation experiment, is an expert on ambient pressure XPS system and its application to catalyst research and surface science.

Job Title	Period	Address
Professor	2017.03 – Now	Department of Physics and Photon Science, Gwangju Institute of Science and Technology
Associate Professor	2013.03 – 2017.02	Department of Physics and Photon Science, Gwangju Institute of Science and Technology
Associate Professor	2011.09 – 2013.02	Department of Applied Physics, Hanyang University
Assistant Professor	2007.09 – 2011.08	Department of Applied Physics, Hanyang University
Staff Scientist	2002.07 – 2007.09	Advanced Light Source, Lawrence Berkeley National Laboratory
Senior Process Engineer	2002.03 – 2002.07	Intel Corporation
Post-Doc Fellow	2001.10 – 2002.02	Material Science Division, Lawrence Berkeley National Laboratory

Major Publications

1. Vojislav R. Stamenkovic, Bongjin Simon Mun, Matthias Arenz, Karl J.J. Mayrhofer, Christopher A. Lucas, Guofeng Wang, Philip N. Ross, and Nenad M. Markovic, *Nature Materials* 6, 241 - 247 (2007)
2. Vojislav R. Stamenkovic, Ben Fowler, Bongjin Simon Mun, Guofeng Wang, Philip N. Ross, Christopher A. Lucas, and Nenad M. Markovic, *Science* 315(2007)
3. Feng Tao, Michael E. Grass, Yawen Zhang, James R. Renzas, Derek R. Butcher Zhi Liu, Jen Y. Chung, Bongjin S. Mun, Miquel Salmeron, Gabor A. Somorjai, *Science*, 322, 932(2008)
4. Michael Grass, Derek Butcher, Zeng, Zhen Hua, Funda Aksoy, Hendrik Bluhm, Wei-Xue Li, Bongjin Mun, Gabor Somorjai, Zhi Liu, *Journal of the American Chemical Society*, 133(50) 20319 (2011)
5. Yong Su Kim, Sang Ho Jeon, Aaron Bostwick, Eli Rotenberg, Philip N Ross, Andrew L. Walter, Young Jun Chang, Vojislav R. Stamenkovic, Nenad M. Markovic, Tae Won Noh, Seungwu Han, Bongjin Simon Mun, *Advanced Energy Materials* 3,10,1267 (2013)
6. Joonseok Yoon, Howon Kim, Giyong Lee, Xian Chen, Nobumichi Tamura, Bongjin Simon Mun, Changwoo Park, and Honglyoul Ju, *ACS Applied Materials and Interfaces* 8 (3), 2280-2286 (2016)

7. Jeongjin Kim, Woong Hyeon Park, Myung Cheol Noh, Si Woo Lee, Won Hui Doh, Jean-Jacques Gallet, Fabrice Bournel, Hiroshi Kondoh, Kazuhiko Mase, Yousung Jung, Bongjin Simon Mun, Jeong Young Park, *Science Advances*, *In Print* (2018)