



## Industrial & Engineering Chemistry

*Making Chemistry Work!*

### 2021 I&EC International Fellow

**Congratulations to Dr. Sim on being named I&EC International Fellow for the Class of 2022!**

The Industrial & Engineering Chemistry Division International Fellow is awarded to a chemist or engineer who resides outside of the United States of America based on significant, innovative contributions to the areas in which they have published within applied chemistry and/or chemical engineering. The I&EC Division would like to recognize Dr. Jae Hwan Sim and welcome him into the class of 2022 I&EC Division Fellows.



Dr. Jae Hwan Sim is a Principle Investigator for DuPont Electronics & Industrial within their Semiconductor Technologies Lithography business located at the DuPont Korea Technology Center in Hwaseong, South Korea. He received his PhD in Chemistry from Seoul National University in 2010 and then joined DuPont Electronics & Industrial (former Dow Electronic Materials) in 2011 as a Senior Chemist following a one-year post-doctoral research position at the National Institute of Standards and Technology Material Science and Engineering Lab in Gaithersburg, MD as a guest researcher. Since 2011, Dr. Sim has focused his scientific career at DuPont on developing a wide array of technologies to include novel gap-filling materials, bottom antireflective coatings (BARCs), and Extreme Ultraviolet (EUV) underlayers to enable complicated, high-resolution photolithographic processes. He is a named inventor on over 15 granted patents and has contributed to the successful commercialization of over 10 new materials that are widely used in the fabrication of advanced semiconductor devices that are used to in electronics all around the world.

For additional details on the award, please visit <https://acs-iec.org/>