



Invited Speaker



Dr. Mohd Sharizal
Postdoctoral Research Fellow
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Mohd Sharizal Alias is currently a Postdoctoral Research Fellow at the Department of Materials, University of Oxford, UK. Previously, he was a Research Scientist at the Photonics Laboratory, King Abdullah University of Science & Technology, Saudi Arabia. He received his Ph.D. (Microengineering & Nanoelectronics) degree with distinction from the National University of Malaysia in 2010, and his MSc. (Physics) and BSc. (Physics) degrees from the University of Malaya in 2005 and 2000, respectively. Prior to this, he was a Principal Researcher and Assistant General Manager at Telekom Malaysia Research & Development from 2003 to 2013. He was also a Visiting Researcher at University of Illinois at Urbana-Champaign, USA in 2006 and Tampere University of Technology, Finland in 2005.

His research focuses on the usage of nanophotonics and nanostructures in advanced materials such as group III-nitride semiconductors, group III-V semiconductors, hybrid perovskites, and chalcogenide materials. His other research interests include nanofabrication process development and device physics simulations for optoelectronic devices.

To date, he has authored and co-authored more than 120 journals and proceedings papers, and has more than 10 patents and industrial designs filed. He served as reviewers for various journals under the flagship of AIP, ACS, IEEE, OSA, SPIE, and IOP scientific societies. He also provided consultations to numerous international and national level technical committees, regulatory, and conferences. He is a senior member of IEEE. Outside of research, he enjoys rugby, football, badminton, and playing bagpipe.