



Invited Speaker



Assoc. Prof. Dr. Lan Fu
Australia National University

Chair, IEEE Australian Capital Territories Section Nanotechnology Council Chapter

Assoc. Prof. Dr. Lan Fu received her PhD degree from the Australia National University (ANU) in 2001. Dr. Lan Fu is currently an Associate Professor and Associated Director (HDR) at the Research School of Physics and Engineering, ANU. Dr. Lan Fu has published over 160 peer-review publications (110 journal papers), 2 book chapters, and held two US patents. She has delivered 26 invited/key note presentations at international conferences and served as Program Committee/Symposium Chair/Co-Chair for more than 16 international conferences, including Materials Research Society (MRS), CLEO, OSA Optics & Photonics Congress, IEEE Photonics Conference, International Conference on Nanoscience and Nanotechnology (ICONN) etc. Dr. Fu is the Principal Editor for MRS Advances for MRS Spring/Fall Meetings (2017, 2018). She is also the Guest Editors for IEEE Journal of Selected Topics in Quantum Electronics - Special Issue on "Emerging Integrated Photonics" (2018) and Journal of Physics D: Applied Physics - Special Issue on "Nanostructured photovoltaics" (2012).



Dr. Lan Fu was the recipient of the IEEE Photonic Society Graduate Student Fellowship (2000), Australian Research Council (ARC) Postdoctoral Fellowship (2002), ARF/QEII Fellowship (2005) and Future Fellowship (2012). Dr. Lan Fu is a senior member of IEEE, IEEE/Photonics and EDS societies. She is the current member of the National Committee on Materials Science and Engineering, Australian Academy of Science, and Secretary of the Executive Committee of Australian Materials Research Society (AMRS). Dr. Lan Fu's main research interests include design, fabrication and integration of optoelectronic devices (lasers and photodetectors) and high efficiency solar cells based on low-dimensional III-V compound semiconductor structures including quantum wells, self-assembled quantum dots and nanowires grown by metal-organic chemical vapour deposition (MOCVD).