

Assoc. Prof. Ashraf Uddin
Faculty of Engineering, TETB (H6) Room 214
The University of New South Wales
Sydney, NSW
Australia

Tel: +61 2 9385 9827
Fax: +61 2 9385 7762
Email: a.uddin@unsw.edu.au

Dr Ashraf Uddin is an Associate Professor in the School of Photovoltaic and Renewable Energy Engineering, The University of New South Wales (UNSW), Australia. His research Interests include New Concepts of photovoltaic, Photovoltaic device physics, design and characterization of different types of Photovoltaic devices such as solar cell using nanomaterials, Organic-inorganic hybrid Photovoltaic, and Dye-sensitised Solar Cells, etc.

Selected Publications

- Lin R; Wright M; Puthen-Veettil B; Wen X; Tayebjee MJY; Uddin A, 2015, 'Effects of blend composition on the morphology of Si-PCPDTBT:PC 71 BM bulk heterojunction organic solar cells', *Physica Status Solidi A: Applications and Materials Science*, pp. n/a - n/a, <http://dx.doi.org/10.1002/pssa.201532009>
- Wright M; Lin R; Tayebjee MJY; Yang X; Veettil BP; Wen X; Uddin A, 2015, 'Effect of Blend Composition on Binary Organic Solar Cells Using a Low Band Gap Polymer', *Journal of Nanoscience and Nanotechnology*, vol. 15, no. 3, pp. 2204 - 2211, <http://dx.doi.org/10.1166/jnn.2015.9873>
- Lin R; Wright M; Gong B; Chan KH; Tayebjee MJY; Uddin A, 2014, 'Influence of bridging atom on the vertical phase separation of low band gap bulk heterojunction solar cells', *Physica Status Solidi: Rapid Research Letters*, vol. 8, no. 11, pp. 904 - 907, <http://dx.doi.org/10.1002/pssr.201409384>
- Lin R; Wright M; Chan KH; Puthen-Veettil B; Sheng R; Wen X; Uddin A, 2014, 'Performance improvement of low bandgap polymer bulk heterojunction solar cells by incorporating P3HT', *Organic Electronics*, vol. 15, no. 11, pp. 2837 - 2846, <http://dx.doi.org/10.1016/j.orgel.2014.08.018>
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<http://dx.doi.org/10.1166/jnn.2012.6615>

Prof Xiaocong Yuan
College of Optoelectronic Engineering
Shenzhen University
Shenzhen, Guangdong
P. R. China

Email: xcyuan@szu.edu.cn

X.-C. Yuan received his PhD in physics from the University of London, King's College, in 1994. Between 1994 and 1999, he was a research fellow with the Cavendish Laboratory, the University of Cambridge. He is a Fellow of SPIE – The International Society for Optical Engineering, Fellow of OSA – The Optical Society (OSA) of America. He has published more than 180 articles, including journals "Science", "Physical Review Letters", "Lab-on-Chip", "Optics Letters", "Applied Physics Letters", "Plasmonics", etc. He is a professor in College of Optoelectronic Engineering Shenzhen University, deputy editor of "China Optics", editorial board member for "Light: Science & Applications – Nature". His research interests include: Micro- and nano-scale optics (MNO), Surface plasmon resonance (SPR), Optical trapping and manipulation (OTM), Optical imaging and super-resolution, and applications of MNO, OTM and SPR in biotechnology.

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