

PEOPLE

[Faculty](#) | [Group Members](#) | [Former Members](#) | [Distinguished FYP Graduates](#)

Faculty



Andrew W. Poon received his B.A. degree (with Hons.) in Physics from The University of Chicago, Illinois, in 1995, M.Phil. and Ph.D. degrees in Physics from Yale University, New Haven, Connecticut in 1998 and 2001, respectively. In 2001, he joined the Department of Electronic and Computer Engineering, The Hong Kong University of Science and Technology, as an Assistant Professor. He is currently a Professor and Director of the Nanosystem Fabrication Facility (NFF). He has authored or coauthored 180 papers in journals and international conferences, co-authored three book chapters, co-edited one book and awarded two patents. He has served as the chair of The IEEE Photonics Society, Hong Kong Chapter (2008–2009). During his second-term tenure, the Hong Kong Chapter was awarded the Society “Chapter of the Year” Award 2009. He has served on and chaired various technical program committees of international conferences, and as a guest editor of the IEEE Journal of Selected Topics in Quantum Electronics. He is currently a Senior Editor and an Associate Editor of the IEEE Photonics Technology Letters. His current research interest includes silicon photonics, heterogeneous integrated III-V-on-silicon photonics, optical microresonators, on-chip optical interconnects, integrated nonlinear and quantum photonics, optical manipulation of particles/cells and biosensing.

Website: <http://www.ece.ust.hk/~eeawpoon>

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Group members

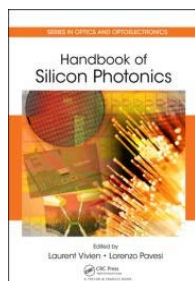
Bo Xue Tan received his B.Sc. (with Hons.) degree in Physics from National University of Singapore in 2016. He is now studying for the Ph.D. degree in the Department of Electronic and Computer Engineering, The Hong Kong University of Science and Technology, Hong Kong.

PUBLICATIONS

Book Chapters | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003

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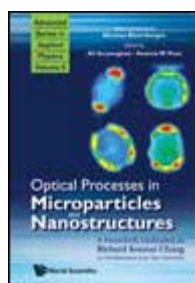
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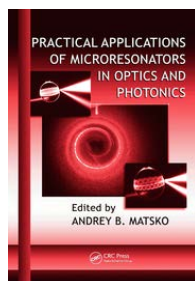
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