

[Home](#)  
[News](#)  
[Research](#)  
[People](#)  
[Labs](#)  
[Publications](#)  
[Funding](#)  
[Teaching](#)  
[Openings](#)  
[Contact Us](#)

[People](#) >

## Joyce Poon

### Contact Information

#### Academic Appointments

2017: Professor, Electrical and Computer Engineering,

University of Toronto

2013: Associate Professor, Electrical and Computer Engineering,

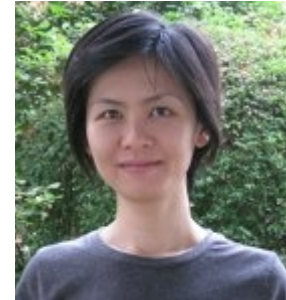
University of Toronto

2014 (Aug-Dec): Visiting Associate, Caltech

2014 (Jan-Mar): Visiting Associate Professor, Hong Kong University of Science and Technology

2012: Canada Research Chair in Integrated Photonic Devices

2007: Assistant Professor, Electrical and Computer Engineering, University of Toronto



#### Education

2007: Ph.D., Electrical Engineering, California Institute of Technology

2003: M.S., Electrical Engineering, California Institute of Technology

2002: B.A.Sc., Engineering Science (Physics), University of Toronto

### Google Scholar Profile

#### Selected Awards and Honors

2018: Fellow of the Optical Society (OSA)

2017: ECE Departmental Teaching Award

2017: OFC Top-scored paper (Active optical devices and photonic integrated circuits category)

2013: McCharles Prize for Early Career Research Distinction

2012: MIT TR35

2012: Canada Research Chair - Tier 2

2010, 2011: IBM Faculty Award

2009: Ontario MRI Early Researcher Award

2008: NSERC University Faculty Award

2007: Milton and Francis Clauser Doctoral Thesis Prize, Caltech (top thesis prize)

2005: OSA Dekker Graduate Student Award

2005: IEEE LEOS Graduate Student Fellowship

2004-2006: NSERC PGS-D Research Award

2002-2004: NSERC Julie Payette PGS-A Research Award

2002: Centennial Thesis Award, University of Toronto (top undergraduate thesis prize, Engineering Science)

## Professional Activities

2015-present: Member, OFC Technical Program Committee  
 2016-present: Subcommittee Chair (Photonic Devices), IEEE Group IV Photonics  
 2014-present: Member, IEEE Photonics Conference Technical Program Committee  
 2013-present: Member, OSA Publications Council  
 2014-present: Member, IEEE Optical Interconnects Conference Technical Program Committee  
 2017-present: Member, IEEE EDS Optoelectronic Devices Technical Committee  
 2017: Member, IEEE International Conference on Electron Devices and Solid-State Circuits  
 2015-present: Member, IEEE Photonics Society Distinguished Lecturer Award Committee  
 2017-2018: IEEE Frederik Philips Award Committee  
 2015-2016: Member, IEEE Group IV Photonics Technical Program Committee  
 2014-2015: Feature issue development editor, Journal of the Optical Society of America B  
 2014-2016: Member, OECC Technical Program Committee  
 2014-2015: Subcommittee Chair, FiO Technical Committee (Integrated Photonics)  
 2012-2014: Member, FiO Technical Committee (Integrated Photonics)  
 2010-2012: Member, IPR Technical Committee (Photonic Devices and Integration)  
 2010-2013: Assistant Topical Editor, Journal of the Optical Society of America B  
 2012-2013: Subcommittee Chair, CLEO (S&I 09: Components, Integration, Interconnects and Signal Processing)  
 2009-2011: Member, CLEO Technical Committee (S&I 09)  
 2010-11: Local organizing committee, Advanced Photonics Congress

## Talks and Seminars

2017: Photonics North, Lumentum, IEEE/MRS DRC, OSA Advanced Photonics Congress, OECC, FiO, IPC  
  
 2016: CEA-Leti, SPIE Photonics Europe, Finisar, Keysight Labs, CMOSSET, CAP Congress, OECC Workshop on Emerging Materials for Photonic Processing, Abbe Centre for Photonics  
  
 2015: IEEE Summer Topicals, CSICS  
  
 2014: IEEE Optical Interconnects Conference, CLEO, Photonics West, Hong Kong University of Science and Technology, University of Hong Kong, Peking University, Polytechnic University of Hong Kong, Chinese University of Hong Kong, University of Illinois at Urbana-Champaign, Stanford, Caltech, USC, UCSB, UCSD

2013: IEEE Photonics Conference, NUSOD, PIERS-Stockholm, A\*Star IME, HKUST Nanoelectronics and Nanophotonics Workshop, UCalgary

2012: USC, Caltech, UC-Berkeley, UBC, MIT, CMOSSET, University of Victoria

2011: GreenTouch, SUNY-Buffalo, IBM Yorktown Heights, IBM Bromont, McGill / IEEE Photonics Society Montreal, Alcatel-Lucent Bell Labs, National Research Council

2010: OSA Integrated Photonics Research, Photonics North

2009: Intel (Santa Clara, CA), HRL Laboratories (Malibu, CA), University of Southern California (EE), University of California - San Diego (ECE), IBM T. J. Watson Research Center (Yorktown Heights, NY), Alcatel-Lucent Bell Laboratories (Holmdel, NJ)

2008: Queen's University (Physics CMP-AMO), University of Toronto (Physics QO-AMO)

2007: University of California - Berkeley (EECS), IBM T. J. Watson Research Center (Yorktown Heights, NY), Hong Kong University of Science and Technology (Physics and ECE)

2006: University of Southern California (EE), Johns Hopkins University (ECE)

[Sign in](#) | [Recent Site Activity](#) | [Report Abuse](#) | [Print Page](#) | Powered By [Google Sites](#)