

Beyond Engineering Series

Non-traditional Career Paths

When: 6 pm - 8:30 pm, 16th of February 2011 (registration starting at 5:30 pm)

Where: Algonquin College, P Building Room P303 – 1385 Woodroffe Avenue, Ottawa.

Register: by email to thamelenee@ieee.org

ABSTRACT: Engineering/Science degrees can enable many career paths, some of which are non-traditional paths. Through this seminar, we would like to open your eyes for other career options including law, entrepreneurship, finance and academics.

SPEAKER BIOS:

Shubha Nijhawan – Law Student:

Shubha Nijhawan is a graduate of Carleton University (Electrical Engineering 2007). She went on to start her career at Accenture, a global IT and management consulting firm. After working for a few years in the field of Information Security, helping North American clients meet compliance requirements, Shubha gained interest in the legal aspect of technology. She decided to return to school to pursue a degree in law and is currently a student at the University of Ottawa.

Thomas (Tom) Choi - Patent Law & Management:

Thomas (Tom) Choi is Director of Program Development for GladiosIP, a subsidiary of Wi-LAN Inc., where he provides advisory services on patent monetization for third party patent owners. Prior to joining Wi-LAN, Tom was a patent portfolio manager and security consultant at Nortel Networks. Tom is a registered patent agent and holds a BSC in Computer Engineering from the University of Waterloo and an MSC in Electrical Engineering from Carleton University. He has considerable expertise in both patents (preparation, prosecution, management, acquisition, licensing and monetization) and computing technology (security, web, telecommunications and consumer electronics).

Barbora Dej- Finance

Barbora has a passion for both creating technology and building collaborative efforts that bring about social change and better people's lives. She volunteers for groups such as Carleton University's Women in Science and Engineering group, through which she speaks at conferences and mentors younger students. She obtained a bachelor's degree in engineering physics and a master's in electrical and computer engineering with a focus on concentrator multi-junction solar cells. She currently works as a Finance Analyst at MBNA Canada. She loves travelling, blogging, snowboarding, white-water kayaking and volleyball. You can read more about Barbora on her website at [http:// barboradej.weebly.com](http://barboradej.weebly.com) .

Alicia Liu - Entrepreneurship: Alicia Liu is the co-founder and VP Product Management and Marketing of Benbria, a leader in intelligent notification software for large organizations. Alicia is responsible for product design, marketing programs, and creating the corporate brand from the ground up. Prior to founding Benbria, Alicia worked at Amazon.com<<http://Amazon.com/>>, where she specialized in web development on one of the world's most visited websites. Alicia holds a **B.A.Sc.** (Honours) in Computer Engineering from the University of Waterloo. **Winnie Ye - Teaching:** Dr. Winnie N. Ye is a Canada Research Chair in Nano-scale IC Design for Reliable Opto-Electronics and Sensors. She received her undergraduate degree from Carleton University. She then attended the University of Toronto, receiving an **M.A.Sc** in Electrical and Computer Engineering. Her PhD is from

Carleton University and the National Research Council of Canada (NRC). After receiving her Ph.D. degree, she joined Professor Lionel Kimerling's group at MIT as a postdoctoral fellow, working on optoelectronic integration. She later worked at the Nanophotonics group led by Professor Ken Crozier, at Harvard University. Her postdoctoral research at Harvard involved innovative nano-fabrication technologies for CMOS image sensors. Since July 2009, Dr. Ye has been with Carleton University. Her research interests include Silicon based micro/nanophotonics.