

Name	Thesis Title	Degree/date
Michael Sharon (Canadian Department of Defense) (co-supervised with Prof. R. Kaye)	<i>Modeling and Control of H.261 VBR video over Frame Relay Networks</i>	M.Eng Dec.1994
Riyaz Ismail (Newbridge Networks Corporation) (co-supervised with Prof. R. Kaye)	<i>Simulation and Modeling of VBR MPEG video Transmission over ATM Networks</i>	M.Eng. Feb. 1995
Youjian Fang (Lucent Technologies, USA)	<i>Exponential Bounds for the Delay Distribution of TES/GI/1 Queues</i>	M.Eng May 1995
Sibel Karademir (NORTEL Networks)	<i>Dynamic Rate Control for MPEG VBR video Transmission over ATM Networks</i>	M.Eng. July 1996
Jianqin Weng (Fujitsu Corporation, USA)	<i>Fuzzy Logic Congestion Control for Networks Carrying Markovian and Self-similar Traffic</i>	M.Eng. Dec. 1996
Changcheng Huang (TEL LABS, USA Currently at Carleton University, Dept. SCE) (co-supervised with Prof. M. Devetsikiotis)	<i>Self-Similar Traffic Modeling and Control Issues for Broadband Multimedia Networks</i>	PhD Jan. 1997
Sunitha Khrisnan (NORTEL Networks)	<i>ABR Video Transmission over ATM Networks</i>	M.Eng Dec. 1997
Eko Adi-Wibowo (SpaceBridge Corporation)	<i>Uplink and Onboard scheduling for Multimedia traffic over Satellites</i>	M.Eng. Sept. 1998
Trevor Yensen (co-supervised with Prof. R. Goubran)	<i>Structures and Interfaces for Voice over IP</i>	M.Eng. Sept. 1998
Parsya Larijani NORTEL Networks. (co-supervised with Prof. R. Hafez)	<i>CDMA Access to Multimedia Wireless systems</i>	PhD Jan. 1999
Uvaiz Ahmed NORTEL Networks (co-supervised with Prof. T. Kunz)	<i>QoS Control for Wireless to IP Network Interconnections</i>	M.Eng Dec. 1999
Rupinder Makkar (NORTEL Networks, Solana Networks)	<i>Explicit Congestion Control Mechanisms for IP Networks</i>	M.Eng Dec. 2000
Matthias Falkner CISCO Canada (co-supervised with Prof. M. Devetsikiotis)	<i>Fast Simulation Techniques for ATM Networks – Minimum Cost Traffic Shaping</i>	PhD July 2000
Marios Parperis (Newbridge Networks Corporation) (co-supervised with Prof. R. Goubran)	<i>Adaptive Delay Measurement and Control for Voice over IP</i>	M.Eng. Jan. 2000

Ashraf Matrawy (Carleton Univ., BIT)	<i>QoS for Multicasting over IP Networks</i>	PhD Dec. 2002
Frank Akujobi (Carleton University, Dept. CCS)	<i>Enhanced Mechanisms for Explicit Congestion Notification in TCP/IP Networks</i>	M. Eng Dec. 2002
Yunhao Li	<i>QoS Control for Optical Networks</i>	M.Eng Sept. 2002
Trevor Yensen (co-supervised with Prof. R. Goubran)	<i>Adaptive Echo Cancellation for Voice over IP</i>	PhD Jan. 2003
Lambros Pezoulas (Nortel Networks)	<i>Network End-To-End Signaling and Routing for Optical IP Networks</i>	M.Eng. Jan. 2003
Ruoyan Zhang (Nokia China)	<i>A scalable Algorithm for Packet Classification</i>	M.Eng May 2003
Wei Yi Qualcom, San Diego, CA, USA	<i>Fair Bandwidth Allocation for Congestion Control in an IP Gateway</i>	M.Eng Sept. 2003
Abiola Adegboyega (IBM Canada)	<i>An Enhanced Algorithm for Fair Traffic Conditioning in IP Differentiated Services</i>	M.Eng. Jan. 2004
Ali Dabir EMC Canada Inc.	<i>A Comparison between BECN-Capable TCP and TCP New-RENO</i>	M.Eng. Jan. 2004
Marc Joseph Francisco (co-supervised with Prof. C.Huang)	<i>The Effect of Optical Cross-Connect Switch time in Inter-domain all Optical Routing</i>	M. Eng. Jan. 2004
Vikas Paliwal Qualcom, San Diego, CA, USA	<i>Performance Analysis of Wireless Data Networks with Rate and Delay Variations</i>	M.Eng Sept. 2004
Jian Zhu (Nortel Networks) (co-supervised with Prof. A. Matrawy)	<i>Scheduling Algorithms for Resilient Packet Ring Networks with Video Transport Applications</i>	M.Eng Dec. 2004
Zhen Xu (co-supervised with Prof. Y.Zhao)	<i>Efficient Table Look-up Algorithms for the Next Generation IP Networks</i>	PhD (Mathematics) Jan. 2005
Bengu B. Balya (Cisco Canada) (co-supervised with Adjunct Professor B. Nandy)	<i>An Enhanced OSPF Routing Protocol in Wireless Mesh Networks with Raleigh/Ricean Fading</i>	M.Eng. June 2005
Helen Tang (Canadian Department of Defense)	<i>Fair Medium Access Control Scheme for Packet Ring Networks</i>	PhD Dec. 2005
Kayvan Mosharaf (co-supervised with Prof. J. Talim) (Airvana, Boston, MA, USA)	<i>Resource Management and Service Differentiation in WDM Networks</i>	PhD Dec. 2005
Tamir Erlichman Qualcom, San Diego, CA, USA	<i>Bandwidth Oscillations Control and QoS in CDMA 2000 Interconnections</i>	M.Eng Sept. 2006
Lawrence Cao (Cognos Inc., Ottawa)	<i>Video Transmission over Low Bit Rate Half-duplex Wireless Networks</i>	M.Eng. Sept. 2006
Arash Shokrani (Sarance Inc., Ottawa) (co-supervised with Prof. J. Talim)	<i>Bandwidth Allocation and Fairness in Resilient Packet Rings</i>	PhD Dec. 2006

Febeke Okafor (co-supervised with Adjunct Professor B. Nandy)	<i>Effect of Packet Loss in a VOIP environment</i>	M.Sc July 2007
Mohammadreza Yazdani	<i>Real Time Deep Packet Content Classification Algorithms</i>	PhD (Airvana, Boston) (Feb. 2008)
Frank Akujobi (part-time) (Dept. CCS, Carleton) (co-supervised with Prof. E. Kranakis, SCS)	<i>Network Intrusion Detection and Containment of Malicious Worms</i>	PhD In Progress
Ahmed Zainaldin (co-supervised with Adjunct Professor B. Nandy)	<i>Low Bit Rate Video over Wireless Sensor Networks</i>	M.Sc Nortel Networks (January 2008)
Abdalah Ismail (co-supervised with Professor C.H. Lung)	<i>Design of a Robust Minimum Latency 2.4Ghz Tranceiver for Remote Control</i>	M.Sc In Progress
Hussein Al-Zubaidy (co-supervised with Professor J. Talim)	<i>Optimal Control of HSDPA systems</i>	PhD In progress
Enrique A. Gutierrez Blancarte	<i>Location Estimation in Wireless Ad-Hoc Sensor Networks</i>	National University of Mexico (Dec. 2007)
Taemoor Abasi (part-time) (RIM Ottawa)	<i>TBD</i>	M.Sc In Progress
Aroosh Elahi (part-time) (IDT Ottawa)	<i>Radio Receiver Architectures for Remote Control</i>	M.Sc Breckonridge Inc. (May 2008)
Yifan Zhao (co-supervised with Professor C.H. Lung)	<i>Hybrid Location Identification Method in Wireless Ad-Hoc/Sensor networks</i>	M. Sc (April 2008)
Abdulah Al-Dhalaan	<i>Localization Algorithms for Wireless Ad -Hoc sensor networks</i>	M.Sc in progress
Yaser Eftekhari (co-supervised with Professor A. H. Banihashemi)	<i>TBD</i>	Ph.D In progress
Hassan Halabian	<i>TBD</i>	Ph.D In progress
Reyhaneh Changiz	<i>TBD</i>	M.Sc In Progress
Hoda Dehghan	<i>TBD</i>	Ph.D In progress