Total: 166 Post-graduate HQP + 24 undergraduate HQP (+ 52 undergraduate capstone project student)

**CURRENT RESEARCH TEAM MEMBERS** (25)

**Graduate Students** (9 PhD + 3 MASc)

1. Amin Farajzadeh  [[Scholar](https://scholar.google.com/citations?hl=en&user=NCkxYF0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amin-farajzadeh-9b688962/)] PhD [2019 – ]

1. Hongzhao Zheng  [[Scholar](https://scholar.google.ca/citations?hl=en&user=Lr-hGn0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/hongzhao-zheng-268634184/)] PhD [2020 – ] (cos: [Prof. M. Atia](https://scholar.google.com/citations?hl=en&user=tD85Rk0AAAAJ))

1. Mohamad Alkadamani  [Scholar] [[LinkedIn](https://www.linkedin.com/in/mohamadalkadamani/)] PhD [2020 – ]

1. Afsoon Alidadi  [[Scholar](https://scholar.google.ca/citations?hl=en&user=YYkYuf0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/afsoon-alidadi-4b99867a/)] PhD [2021 – ]

1. Yin Lee  [Scholar] [[LinkedIn](https://www.linkedin.com/in/cheng-yin-l-1324ab6/)] PhD [2021 – ] (cosup: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))
2. Zichao Zhang  [[Scholar](https://scholar.google.ca/citations?hl=en&user=Gpav36kAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/zichao-zhang-7681b7199/)] PhD [2021 – ]
3. Dhiraj Bhattacharjee [[Scholar](https://scholar.google.com/citations?hl=en&user=YpsXBqcAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/dhiraj-bhattacharjee-0202b6118/)] PhD [2021 – ]
4. Maryam Salamat Moghadasi [[Scholar](https://scholar.google.com/citations?user=t1fbcBQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/maryam-salamat-moghadasi-2ab74210b/)] PhD [2021 – ]
5. Jintao Liang [[Scholar](https://scholar.google.com/citations?user=jcgKHVgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/jintao-liang-401425255/)] PhD [2023 – ]
6. Ethan Fettes [Scholar] [[LinkedIn](https://www.linkedin.com/in/ethan-fettes-7bb199161/)] MASc [2022 – ]
7. Janaki Parekh [Scholar] [[LinkedIn](https://www.linkedin.com/in/janaki-parekh/)] MASc [2022 – ]
8. Ryan Dempsey [Scholar] [[LinkedIn](https://www.linkedin.com/in/ryan-dempsey-651245184/)] MASc [2023 – ]

**PDFs & Research Associates**(06)

1. Dr. Omid Abbasi  [[Scholar](https://scholar.google.com/citations?user=tkAmUcwAAAAJ&hl=en&oi=ao)] [[LinkedIn](https://www.linkedin.com/in/omid-abbasi-2303bb75/)]

ETS PDF [01 Apr 2023 – 31 Mar 2025] (cosup: Prof. [Georges Kaddoum](https://www.etsmtl.ca/en/research/professors/gkaddoum/))

PDF [01 Oct 2020 – 31 Mar 2023]



1. Dr. Pablo Madoery [[Scholar](https://scholar.google.com/citations?hl=en&user=fQ6lF7EAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/pablo-madoery-648a1542/)]

Mitacs PDF and OSC Project Manager [20 Feb 2022 – 30 Nov 2025] (cosup: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

1. Dr. Khaled Humadi [[Scholar](https://scholar.google.ca/citations?hl=en&user=NgHnFS4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/khaled-humadi-61391a87/)]

FRQNT PDF @ PolyM [01 Jun 2023 – 31 May 2025] (cosup: Prof. G. Karabulut Kurt)

Mitacs PDF [01 Mar 2023 – 31 May 2023] (cosup: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Research Associate  [01 Nov 2022 – 28 Feb 2023]

1. Dr. Wafa Hasanain [[Scholar](https://scholar.google.ca/citations?hl=en&user=WTHwloQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/wafa-hasanain-273951281/)]

Mitacs PDF [01 Sep 2023 – 31 Aug 2025]

1. Dr. Mohammed Mahyoub [[Scholar](https://scholar.google.ca/citations?hl=en&user=Ow0s3d0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohammed-mahyoub-77027063/)]

Mitacs PDF [01 Sep 2023 – 31 Aug 2024]

1. Dr. Mohamed Alouzi [[Scholar](https://scholar.google.com/citations?hl=en&user=TU9kxvQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohamed-m-alouzi-605853247/)]

Mitacs PDF [01 Jan – 31 Dec 2024]

**Visiting Professors, PDFs, and Scientists** (01)

1. Prof. Metin Ozturk [[Scholar](https://scholar.google.ca/citations?hl=en&user=4UxKZw4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/metin-ozturk/)] Ankara Yıldırım Beyazıt University, Türkiye

Visiting Professor [17 October 2023 – 16 October 2024]

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

**Visiting Students** (05)

* Elham Younesian [[Scholar](https://scholar.google.ca/citations?hl=en&user=H3AmSW8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/elham-younesian/)] Brno University of Technology, Czechia

Visiting PhD student [01 Mar 2024 – 28 Feb 2025]

* Bilal Karaman [Scholar] [[LinkedIn](https://www.linkedin.com/in/bilal-karaman-3511b7298/)] Celal Bayar University, Türkiye

Visiting PhD student [11 Oct 2023 – 05 Jul 2024]

Sponsor: Study in Canada Scholarship (Government of Canada)

* Faical Khennoufa [[Scholar](https://scholar.google.ca/citations?hl=en&user=zLZl5fUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/faical-khennoufa-a1b836147/)] El-Oued University, Algeria

Visiting PhD student [07 Sep 2023 – 31 May 2024]

Sponsor: Study in Canada Scholarship (Government of Canada)

* Rozita Shafie [Scholar] [[LinkedIn](https://www.linkedin.com/in/rozita-shafie-a24ab2111/)] Isfahan University of Technology, Iran

Visiting PhD student [04 Jan 2023 – 04 Jul 2024]

* Benoit Coeugnet [Scholar] [LinkedIn] INSA Lyon, France

Visiting undergraduate st 30 Apr 2024 – 26 Aug 2024]

**Undergraduate Interns** (01)

1. Ahmed Abdelaziz [Scholar] [[LinkedIn](https://www.linkedin.com/in/ahmed-abdelaziz-56283823a/)]         Carleton University

**Incoming** (08)

* Mehmet Ali Kucuk
* Muhammad Iqbal
* Tabinda Ashraf
* Silvio Ribeiro
* Sixi Cheng
* Yuqiang (Bill) Wen
* Marcel LeClair

**FORMER RESEARCH TEAM MEMBERS**

**Former PDFs & Research Associates** (26)

1. Dr. Mohanad Obeed [[Scholar](https://scholar.google.ca/citations?hl=en&user=_ymgN7UAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohanad-obeed-911a1aa6/)]

Mitacs PDF [01 Apr 2023 – 31 May 2023] (cosup: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Research Associate  [01 Nov 2022 – 31 Mar 2023]

1. Dr. Aizaz U. Chaudhry [[Scholar](https://scholar.google.com/citations?hl=en&user=OtGpmWQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/aizaz-chaudhry-phd-peng-smieee-ba70aa42/)]

Senior Research Associate  [01 May 2020 – 28 Feb 2023]

1. Dr. Cihan Emre Kement [[Scholar](https://scholar.google.com/citations?hl=en&user=qT3AIyUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/cihan-kement-871a99139/)]

PDF [27 Mar 2022 – 30 Sep 2022]

Current Employment: Aselsan, Ankara, Türkiye

1. Dr. Animesh Yadav [[Scholar](https://scholar.google.com/citations?hl=en&user=ZmuVCpsAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/animeshy/)]

PDF [Oct 2020 – 31 Aug 2022]

Current Employment: Assistant Professor, Department of Electrical and Computer Engineering and Technology, Minnesota State University, Mankato, MN, USA

1. Dr. Wael Jaafar  [[Scholar](https://scholar.google.com/citations?hl=en&user=VbNQmfQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/jaafarwael/)]

NSERC PDF [01 Dec 2018 – 31 Aug 2022]

Current Employment: Assistant Professor, ETS, Montreal, Canada

1. Dr. Mohammed Younis Abdelsadek [[Scholar](https://scholar.google.com/citations?hl=en&user=G9a0hVgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohammedabdelsadek/)]

Mitacs PDF [Sep 2021 – 14 Aug 2022] (cosupervisor: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

PDF [Jun 2020 – Aug 2021] (cosupervisor: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Current Employment: Dell, Ottawa, Canada

1. Dr. Tasneem Darwish  [[Scholar](https://scholar.google.com/citations?hl=en&user=pXwErxIAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/tasneem-darwish-a1680497/)]

Mitacs PDF [Apr 2020 – 30 Jun 2022] (cosupervisor: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Research Associate [Sep 2019 – Mar 2020] (cosupervisor: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Current Employment: Assistant Professor, Computer Science, St. Francis Xavier University, Nova Scotia, Canada

1. Dr. Md. Sahabul Alam [[Scholar](https://scholar.google.com/citations?hl=en&user=7DexGqAAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/md-sahabul-alam-phd-a8807360/)]

NRQNT PDF [Aug 2019 – Jul 2021]

Current Employment: Assistant Professor, Electrical and Computer Engineering, California State University Northridge (CSUN), USA

1. Dr. Jean-Daniel De Medjo Biomo [[Scholar](https://scholar.google.com/citations?user=uGrclPsAAAAJ&hl=en&oi=sra)] [[LinkedIn](https://www.linkedin.com/in/jean-daniel-medjo-me-biomo-phd-6b5b15195/)]

PDF [May 2020 – Jun 2021] (cosupervisor: [Prof. G. Karabulut Kurt](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ))

Current Employment: Assistant Teaching Professor, Electrical Engineering and Computer Science, Syracuse University, USA

1. Dr. Ahmed Ibrahim [Scholar] [[LinkedIn](https://www.linkedin.com/in/ahmed-ibrahim-bb25a2180/)]

PDF [Jan 2020 – Jan 2021]

Current Employment: Cloud RAN Systems Developer, Ericsson, Ottawa, Canada

1. Dr. Mohammad G. Khoshkholgh  [[Scholar](https://scholar.google.com/citations?hl=en&user=w8t_ookAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohammad-ghadir-khoshkholgh-dashtaki-b6594143/)]

PDF & Huawei Project Manager [Apr 2020 – Jan 2021]

Current Employment: Principal Scientist/Researcher – 5G New Radio, Ofinno, Vancouver, Canada

1. Dr. Elham Kalantari [[Scholar](https://scholar.google.com/citations?hl=en&user=IQQ319sAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/elham-kalantari/)]

Research Associate [Mar – May 2020]

Current Employment: Radio Systems and Technology Developer, Ericsson, Ottawa, Canada

1. Dr. Sahar Molla Aghajanzadeh  [[Scholar](https://scholar.google.com/citations?hl=en&user=kcFDqIoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sahar-molla-aghajanzadeh-phd-66097249/)]

Research Associate [Nov 2018 – Jul 2019]

Current Employment: Microwave Algorithm Engineer, Huawei, Ottawa, Canada

1. Dr. Jalal Khamse-Ashari [Scholar] [[LinkedIn](https://www.linkedin.com/in/jalal-khamse-ashari-67713660/)]

Research Associate [Jan – May 2019]

Current Employment: NR Baseband System Developer, Ericsson, Ottawa, Canada

1. Dr. Sebastian Szyszkowicz  [[Scholar](https://scholar.google.com/citations?user=C73amp0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sebastian-szyszkowicz-215762206/)]

PDF & Telus Project Manager [Jan 2015 – Apr 2017]

1. Dr. Amr El-Keyi [[Scholar](https://scholar.google.com/citations?hl=en&user=Va12GIYAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amr-el-keyi-6a6a4ba4/)]

PDF [Sep 2015 – Jun 2017]

Current Employment: 5G System and Software Developer, Ericsson, Ottawa, Canada

1. Dr. Ebrahim Bedeer Mohamed [[Scholar](https://scholar.google.com/citations?hl=en&user=ezG5hrwAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/ebrahim-bedeer-mohamed-a76247131/)]

Mitacs PDF [Sep 2015 – May 2017] (cosupervisor: [Prof. M.H. Ahmed](https://scholar.google.ca/citations?user=8XmORYQAAAAJ&hl=en&oi=ao), MUN)

Current Employment: Assistant Professor, Electrical and Computer Engineering, U. Saskatchewan, Canada

9. Dr. Hamid Saber [[Scholar](https://scholar.google.com/citations?hl=en&user=PBXTVb4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/hamid-saber-6005012a/)]

Mitacs PDF [Sep – Nov 2016] (cosupervisor: Prof. I. Marsland)

Current Employment: Staff Systems Engineer, Samsung Electronics, San Diego, USA

1. Dr. Ramy Gohary  [[Scholar](https://scholar.google.com/citations?hl=en&user=rmZDQeAAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/ramy-gohary-76763811/)]

Senior Research Associate & RIM Project Manager [April 2010 – August 2014]

Senior Research Associate & Huawei Project Manager [September 2014 – October 2016]

Current Employment: Associate Professor, Systems and Computer Engineering, Carleton University

1. Dr. Muhammad Zeeshan Shakir [[Scholar](https://scholar.google.com/citations?hl=en&user=tX_2mj8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mzeeshanshakir/)]

PDF [Sep 2015 – Aug 2016]

Current Employment: Reader (Associate Professor), School of Computing, Engineering and Physical Sciences, University of the West of Scotland, UK

1. Dr. Rainer Schoenen  [[Scholar](https://scholar.google.com/citations?hl=en&user=iCiVYwgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/rainer-schoenen-b8a62b13/)]

Senior Research Associate & Huawei Project Manager [Jan 2011 – Aug 2014]

Current Employment: Professor, Hamburg University of Applied Sciences, Hamburg, Germany

1. Dr. Petar Djukic  [[Scholar](https://scholar.google.com/citations?hl=en&user=UgthUYkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/petar-djukic/)]

Senior Research Associate & Huawei Project Manager [Nov 2008 – Apr 2010]

Current Employment: Principal Network Architect, Nokia Bell Labs, Ottawa, Canada

1. Dr. Abdulkareem Adinoyi  [[Scholar](https://scholar.google.com/citations?hl=en&user=3OWsbvAAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/abdulkareem-adinoyi-05637310/)]

Senior Research Associate [May – Dec 2006]

Senior Research Associate & Samsung Project Manager [Sep 2007 – Aug 2009]

Current Employment: Senior Consultant, Saudi Telecom Company, Riyadh, Saudi Arabia

1. Dr. Keivan Navaie  [[Scholar](https://scholar.google.com/citations?hl=en&user=bWDRdFoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/keivan-navaie-b0500a32/)]

Senior Research Associate & EU FP6 WINNER Project Manager [Dec 2004 – Oct 2006]

Current Employment: Senior Lecturer, School of Computing & Communications, Lancaster University, UK

1. Dr. Mohamed Hossam Ahmed [[Scholar](https://scholar.google.com/citations?hl=en&user=8XmORYQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohamed-hossam-ahmed-9510a0a3/)]

Senior Research Associate & NCIT Project Manager [April 2001 - March 2003] (cosupervisor: Prof. S. Mahmoud)

Visiting Professor [Aug 2005]

Current Employment: LTA Professor, Electrical Engineering and Computer Science, University of Ottawa, Canada (Former Professor, Memorial University of Newfoundland, St. John’s, Canada)

1. Dr. Eman Fituri  [Scholar] [[LinkedIn](https://www.linkedin.com/in/eman-fituri-09ba70198/)]

Senior Research Associate [Feb – Jun 2006]

Current Employment: Director of Educational Initiatives, Qatar Computing Research Institute, Qatar

**Former Visiting PDFs and Scientists** (07)

1. Dr. Lina Bariah  [[Scholar](https://scholar.google.com/citations?hl=en&user=D0uYZ3kAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/lina-bariah-15516059/)] Visiting PDF [Jul – Aug 2019]

Home Institution: Khalifa University, Abu Dhabi, UAE

Current Employment: Technology Innovation Institute (TII), Abu Dhabi, UAE

1. Dr. Eylem Erdogan [[Scholar](https://scholar.google.com/citations?hl=en&user=yiWlDs4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/eylem-erdo%C4%9Fan-664403191/)] TUBITAK PDF [Apr – Jul 2016]

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

Current Employment: Associate Professor, Istanbul Medeniyet University, Türkiye

1. Dr. Sergey Andreev [[Scholar](https://scholar.google.com/citations?hl=en&user=vwNQGdUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sergey-andreev-0014a23/)] Visiting PDF [May – Jun 2015]

Home Institution: Tampere University of Technology, Finland

Current Employment: Associate Professor, Tampere University, Finland

1. Dr. Khalil Al Sobhi [Scholar] [[LinkedIn](https://www.linkedin.com/in/alsobhi/)] Visiting Scientist [Jul – Oct 2014]

Home Institution: King Abdulaziz City of Science and Technology, Riyadh, Saudi Arabia

Current Employment: Senior Manager at NEOM, Tabuk, Saudi Arabia

1. Dr. Daniel Calabuig [[Scholar](https://scholar.google.com/citations?hl=en&user=gRCfYooAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/daniel-calabuig-9317188/)] Marie Curie PDF [Sep 2010 – Aug 2012]

Home Institution: Universidad Politécnica de Valencia (UPV), Valencia, Spain

Current Employment: PDF, Universidad Politécnica de Valencia (UPV), Valencia, Spain

1. Dr. Gurhan Bulu  [[Scholar](https://scholar.google.com/citations?user=pgHZxnQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/gurhan-bulu-87b1402b/)] TUBITAK PDF [Feb – Nov 2011]

Home Institution: Hacettepe University, Ankara, Türkiye

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

Current Employment: Research Associate, Electrical and Electronics Engineering, Hacettepe University, Ankara, Türkiye

1. Dr. Rainer Schoenen [[Scholar](https://scholar.google.com/citations?hl=en&user=iCiVYwgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/rainer-schoenen-b8a62b13/)] Visiting PDF [Jan – Dec 2010]

Home Institution: ComNets, Aachen University, Germany

Current Employment: Professor, Hamburg University of Applied Sciences, Hamburg, Germany

**Former Visiting Professors** (18)

1. Dr. Paula Diniz [[Scholar](https://scholar.google.ca/citations?hl=en&user=bfJ9_t4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/paulo-s-r-diniz-00714b9a/)] [01 July – 31 August 2023]

Federal University of Rio de Janeiro, Brazil

1. Dr. Yasser Gadallah [[Scholar](https://scholar.google.ca/citations?hl=en&user=Ny1u8QkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/yasser-gadallah-b3726b4b/)] [01 – 31 July 2023]

The American University in Cairo, Egypt

1. Dr. Ferdi Kara [[Scholar](https://scholar.google.ca/citations?hl=en&user=YZDAWscAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/ferdi-kara-b33896112/)]

Zonguldak Bulent Ecevit University, Türkiye

Visiting PDF/Professor [10 Jun 2022 – 31 May 2023]

Virtual Visiting PDF [01 Feb 2021 – 09 Jun 2022]

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

1. Dr. Gunes Karabulut Kurt [[Scholar](https://scholar.google.com/citations?hl=en&user=0MTk8e4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/gunes-karabulut-kurt-1715773/)] [Sep 2019 – Aug 2020]

Istanbul Technical University, Türkiye

Current Employment: Electrical Engineering, Polytechnique Montréal, Montreal, Canada

1. Dr. Zhaleh (Jale) Sadreddini  [[Scholar](https://scholar.google.com/citations?hl=en&user=VRYdpQsAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/zhaleh-jale-sadreddini-03195253/)] [Jul – Aug 2019]

Istanbul Arel University, Türkiye

Current Employment: Ericsson, Ottawa

1. Dr. Eylem Erdogan [[Scholar](https://scholar.google.com/citations?hl=en&user=yiWlDs4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/eylem-erdo%C4%9Fan-664403191/)] [Jul 2019]

Istanbul Medeniyet University, Türkiye

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

1. Dr. Sami Muhaidat  [[Scholar](https://scholar.google.com/citations?hl=en&user=UDXNqUgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sami-muhaidat-ph-d-p-eng-a942a030/)] [Jul 2019]

Khalifa University, Abu Dhabi, UAE

1. Dr. Lina Mroueh  [Scholar] [[LinkedIn](https://www.linkedin.com/in/linamroueh/)] [Jul – Sep 2018]

Ecole d’Ingenieurs du Numerique (ISEP), Paris, France

1. Dr. Ozgur Ercetin  [[Scholar](https://scholar.google.ca/citations?user=rIDSErEAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/ozgur-ercetin-40310b277/)] [Sep 2017 – Jul 2018]

Sabanci University, Istanbul, Türkiye

1. Dr. Amir Hossein Mohajerzadeh  [[Scholar](https://scholar.google.com/citations?hl=en&user=o-LtyRoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amirhossein-mohajerzadeh-phd-20835777/)] [Aug 2017]

Ferdowsi University of Mashhad, Mashhad, Iran

1. Dr. Taimour Aldalgamouni [[Scholar](https://scholar.google.com/citations?hl=en&user=vSIggmoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/taimour-aldalgamouni-662a1916/)] [Aug 2016 – Jul 2017]

Jordan University of Science and Technology, Irbid, Jordan

1. Dr. Amir Hossein Mohajerzadeh  [[Scholar](https://scholar.google.com/citations?hl=en&user=o-LtyRoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amirhossein-mohajerzadeh-phd-20835777/)] [Aug 2016]

Ferdowsi University of Mashhad, Mashhad, Iran

1. Dr. Yasser Gadallah [[Scholar](https://scholar.google.com/citations?hl=en&user=Ny1u8QkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/yasser-gadallah-b3726b4b/)] [Jul – Aug 2016]

American University of Cairo, Cairo, Egypt

1. Dr. Pawel A. Dmochowski [[Scholar](https://scholar.google.com/citations?hl=en&user=i1WBCpoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/pawel-dmochowski-85b4932a/)] [Sep 2014 – Jan 2015]

Victoria University of Wellington, Wellington, New Zealand

1. Dr. Ibrahim Abualhaol  [[Scholar](https://scholar.google.com/citations?hl=en&user=UougQ9UAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/abualhaol/)] [Jun – Aug 2013]

Khalifa University, Sharjah, UAE

Current: Principal Data Scientist, Huawei, Ottawa, Canada

1. Dr. Mumtaz Yilmaz [Scholar] [[LinkedIn](https://www.linkedin.com/in/m%C3%BCmtaz-y%C4%B1lmaz-58913538/)] [Dec 2012 – Jun 2013]

Adnan Menderes University, Aydin, Türkiye

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

1. Dr. John Thompson [[Scholar](https://scholar.google.com/citations?hl=en&user=XbQGWCUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/john-thompson-2babb922/)] [Jul – Oct 2006]

University of Edinburgh, UK

1. Dr. Mohamed Adnan Landolsi  [Scholar] [LinkedIn] [Summer 2002] (cosupervisor: Dr. B. Hashem)

King Fahd University of Petroleum and Minerals, Saudi Arabia

Current Employment: Kuwait University, Kuwait

**Former Visiting Graduate Students** (32)

* Melih Ince [Scholar] [[LinkedIn](https://www.linkedin.com/in/melihince/)]

Visiting Master’s student [11 Oct 2023 – 10 April 2024]

Home Institution: Konya Technical University, Türkiye

Sponsor: Study in Canada Scholarship (Government of Canada)

* Amir Mehrabian [[Scholar](https://scholar.google.ca/citations?hl=en&user=8ggb_B8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amir-mehrabian/)]

Visiting PhD student [07 Feb 2023 – 06 Feb 2024]

Home Institution: University of Tehran, Iran

* Elham Younesian [[Scholar](https://scholar.google.ca/citations?hl=en&user=H3AmSW8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/elham-younesian/)]

Visiting PhD student [10 Jul – 24 Aug 2023]

Home Institution: Brno University of Technology, Czechia

Sponsor: Brno University of Technology, Czechia

* Youssra Cheriguene [Scholar] [[LinkedIn](https://www.linkedin.com/in/youssra-cheriguene-1595b61a0/)]

Visiting PhD student [08 Oct 2022 – 01 Apr 2023] (cosup: [Prof. W. Jaafar](https://sites.google.com/site/waeljaafarphd/))

Home Institution: Université Amar Telidji de Laghouat, Algeria

Sponsor: Study in Canada Scholarship (Government of Canada)

* Adem Cicek [[Scholar](https://scholar.google.com/citations?hl=en&user=PYKKhKkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/adem-cicek-40a8aa58/)]

Visiting PhD student [24 Feb 2022 – 01 Feb 2023] (cosup: [Prof. I. Marsland](https://scholar.google.com/citations?hl=en&user=x4HW3PMAAAAJ))

Home Institution: Ankara Yildirim Beyazit University, Türkiye (sup: [Prof. Enver Cavus](https://avesis.aybu.edu.tr/ecavus))

Sponsor: The Scientific and Technological Research Council of Türkiye (TÜBİTAK)

* Weili Wang [Scholar] [LinkedIn]

Visiting PhD student [21 Jan 2022 – 01 Feb 2023]

Home Institution: Chongqing U. of Posts & Telecommunications, China (sup: [Prof. Qianbin Chen](https://scholar.google.ca/citations?hl=en&user=4GT3nH4AAAAJ))

Sponsor: China Scholarship Council (CSC)

* Sarosh Ahmad [[Scholar](https://scholar.google.com/citations?hl=en&user=FS50zVUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sarosh-ahmad-gsmieee-057774177/)]

Visiting Master’s student [20 Jun – 20 Sep 2022]

Sponsor: Mitacs Globalink

* QiQi Ren [Scholar] [LinkedIn]

Visiting PhD student [Oct 2019 – Sep 2021]

Home Institution: Xidian University, Xi’an, China (supervisor: [Prof. Jian Chen](https://scholar.google.com/citations?hl=en&user=2KodqjoAAAAJ))

Sponsor: China Scholarship Council (CSC)

Current Employment: PhD student, Xidian University, Xi’an, China

* Omid Abbasi [[Scholar](https://scholar.google.com/citations?hl=en&user=tkAmUcwAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/omid-abbasi-2303bb75/)]

Visiting PhD student [Feb 2019 – Sep 2020]

Home Institution: Sahand U. of Technology, Tabriz, Iran (supervisor: [Prof. Afshin Ebrahimi](https://scholar.google.com/citations?hl=en&user=3J8kVPwAAAAJ))

Current Employment: PDF, Systems and Computer Engineering, Carleton University, Canada

* Yassine Hmamouche [[Scholar](https://scholar.google.com/citations?hl=en&user=ByFRmUcAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/yassine-hmamouche-a9885219/)]

Visiting PhD student [Aug – Nov 2019]

Home Institution: IMT-Atlantique, France (supervisor: [Prof. Samir Saoudi](https://scholar.google.com/citations?hl=en&user=uat3XS8AAAAJ))

Current Employment: Senior Product Engineer - Channel Modeling, Siradel, Rennes, Brittany, France

* Hossein Vaezy [[Scholar](https://scholar.google.com/citations?hl=en&user=d3bC7YcAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/hossein-vaezy-19214752/)]

Visiting PhD student [Feb 2018 – Jun 2019]

Home Institution: Isfahan U. of Technology, Iran (supervisor: [Prof. Mohammad Javad Omidi](https://scholar.google.com/citations?hl=en&user=9zXte3EAAAAJ))

Current Employment: Senior Analog & Mixed-Signal Circuit Design Eng, Synopsys, Toronto, Canada

* Amin Farajzadeh [[Scholar](https://scholar.google.com/citations?hl=en&user=NCkxYF0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/amin-farajzadeh-9b688962/)]

Visiting MASc Student [Dec 2017 – Jan 2019]

Home Institution: Sabanci University, Istanbul, Türkiye (supervisor: [Prof. Ozgur Ercetin](https://scholar.google.com/citations?hl=en&user=rIDSErEAAAAJ))

Current Employment: PhD student, Systems and Computer Engineering, Carleton University, Canada

* Mehdi S. H. Abad [[Scholar](https://scholar.google.com/citations?hl=en&user=ZgW7VWgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mehdi-s-h-abad-97ba82172/)]

Visiting PhD Student [Jul – Sep 2018]

Home Institution: Sabanci University, Istanbul, Türkiye (supervisor: [Prof. Ozgur Ercetin](https://scholar.google.com/citations?hl=en&user=rIDSErEAAAAJ))

Current Employment: Ericsson, Ankara, Türkiye

* Salime Bameri [[Scholar](https://scholar.google.com/citations?hl=en&user=vMcvQK4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/salime-bameri-98b2b441/)]

Visiting PhD Student [Feb 2016 – Aug 2017] (cosupervisor: [Prof. Ramy Gohary](https://scholar.google.com/citations?hl=en&user=rmZDQeAAAAAJ))

Home Institution: Shahid Bahonar U. of Kerman, Iran (supervisor: [Professor Siamak Talebi](https://scholar.google.com/citations?user=DSDE2IsAAAAJ))

Current Employment: Postdoctoral Fellow, Systems and Computer Engineering, Carleton University

* Margarita Gapeyenko [[Scholar](https://scholar.google.com/citations?user=buCTXwgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/margarita-gapeyenko-675b3083/)]

Visiting PhD Student [Jul – Sep 2016] (cosupervisor: [Dr. Sebastian Szyszkowicz](https://scholar.google.com/citations?hl=en&user=C73amp0AAAAJ))

Home Institution: Tampere University of Technology, Finland (supervisor: [Dr. Sergey Andreev](https://scholar.google.com/citations?user=vwNQGdUAAAAJ))

Current Employment: Nokia Bell Labs, Senior Standardization Specialist, Espoo, Finland

* Omer Haliloglu [Scholar] [[LinkedIn](https://www.linkedin.com/in/omerhaliloglu/)]

Visiting PhD Student [Apr – Aug 2015]

Home Institution: Hacettepe University, Ankara, Türkiye (supervisor: [Prof. Cenk Toker](https://scholar.google.com/citations?user=xn5S5acAAAAJ))

Current Employment: Ericsson, Istanbul, Türkiye

* Olga Galinina [[Scholar](https://scholar.google.com/citations?hl=en&user=RtPa_zMAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/olga-galinina-186a4523/)]

Visiting PhD Student [May – Jun 2015]

Home Institution: Tampere U. of Technology, Finland (supervisor: [Prof. Yevgeni Koucheryavy](https://scholar.google.com/citations?user=Mwen4IkAAAAJ))

Current Employment: PDF, Tampere University, Tampere, Finland

* Jing Guo [[Scholar](https://scholar.google.com/citations?hl=en&user=-BYsn6kAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/jing-guo-876a74160/)]

Visiting PhD Student [Jan – Apr 2015]

Home Institution: Australian National U, Canberra, Australia (supervisor: [Prof. Salman Durrani](https://scholar.google.com/citations?user=_stHeQMAAAAJ))

Current Employment: Associate Professor, School of Information and Electronics, Beijing Institute of Technology, China

* Ibrahim Aydin [Scholar] [[LinkedIn](https://www.linkedin.com/in/ibrahimaydin34/)]

Visiting PhD Student [Oct 2013 – Sep 2014]

Home Institution: Istanbul Technical University, Istanbul, Turkey (supervisor: [Prof. Umit Aygolu](https://scholar.google.com/citations?user=c5_NQ5kAAAAJ))

Current Employment: Software Developer, Cuboh, Istanbul, Turkey

* Zakaria El-Moutaouakkil [Scholar] [[LinkedIn](https://www.linkedin.com/in/zakaria-el-moutaouakkil-879a9133/)]

Visiting PhD Student [Jul 2013 – Jun 2014]

Home Institution: Telecom Bretagne, France (supervisor: [Prof. Samir Saoudi](https://scholar.google.com/citations?hl=en&user=uat3XS8AAAAJ))

Current Employment: Project Engineer, Sicotel Engineering Management, Casablanca, Morocco

* Baris Yuksekkaya [Scholar] [[LinkedIn](https://www.linkedin.com/in/baris-yuksekkaya/)]

Visiting PhD Student (TUBITAK) [Sep 2013 – Mar 2014]

Home Institution: Hacettepe University, Ankara, Turkey (supervisor: [Prof. Cenk Toker](https://scholar.google.com/citations?user=xn5S5acAAAAJ))

Current Employment: Assistant Professor, Hacettepe University, Turkey

* Oumar Alassane Barro [Scholar] [[LinkedIn](https://www.linkedin.com/in/oumar-barro-b8935669/)]

Visiting Master’s Student [Mar – Sep 2013]

Home Institution: Universite de Rennes 1, Rennes Cedex, France

Current Employment: RF Engineer, RFS - Radio Frequency Systems, Lannion, Brittany, France

* David González G [[Scholar](https://scholar.google.com/citations?hl=en&user=jbNv5WcAAAAJ)] [LinkedIn]

Visiting PhD Student [Mar – Jun 2013]

Home Institution: Universitat Politecnica de Catalunya, Barcelona, Spain

(supervisor: [Prof. Mario Garcia-Lozano](https://scholar.google.com/citations?user=I0F1HZAAAAAJ))

Current Employment: Wireless Communication Researcher, Continental Automotive AG, Germany

* Davut Incebacak [[Scholar](https://scholar.google.com/citations?hl=en&user=4RtI39UAAAAJ)] [LinkedIn]

Visiting PhD Student [Dec 2012 – Jun 2013]

Home Institution: Middle East Technical University, Ankara, Turkey

* Jorge Cabrejas Peñuelas [[Scholar](https://scholar.google.com/citations?hl=en&user=pse5pKcAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/jorge-cabrejas-pe%C3%B1uelas-643bab115/)]

Visiting PhD Student [Jul – Oct 2012]

Home Institution: Universidad Politecnica de Valencia, Valencia, Spain

(supervisor: [Prof. Jose F. Monserrat](https://scholar.google.com/citations?hl=en&user=8xeWwFYAAAAJ))

Current Employment: Data Scientist & Big Data Engineer, Idrica, Valencia, Spain

* Tariq Alshawi [[Scholar](https://scholar.google.ca/citations?hl=en&user=V9CP-VcAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/tariq-alshawi/)]

Visiting Master’s Student [Nov 2010]

Home Institution: King Saud University, Riyadh, Saudi Arabia (supervisor: [Prof. Saleh Alshebeili](https://scholar.google.ca/citations?hl=en&user=bs03ne0AAAAJ))

Current Employment: Assistant Professor, King Saud University, Riyadh, Saudi Arabia

* Imran Shafique Ansari [[Scholar](https://scholar.google.com/citations?hl=en&user=vxTEQZYAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/ansarimran/)]

Visiting Master’s Student [Jun – Aug 2010]

Home Institution:  King Abdullah University for Science and Technology ([KAUST](http://www.kaust.edu.sa/)), Saudi Arabia

(supervisor: [Prof. Mohamed-Slim Alouini](https://scholar.google.com/citations?hl=en&user=HqIyyXcAAAAJ))

Current Employment: Lecturer (Assistant Professor), University of Glasgow, UK

* Houda Chafnaji [Scholar] [[LinkedIn](https://www.linkedin.com/in/houda-chafnaji-a388441b/)]

Visiting PhD Student [Aug 2008], [Jul 2009]

Home Institution: IMT Atlantique, France (supervisor: [Prof. Samir Saoudi](https://scholar.google.com/citations?hl=en&user=uat3XS8AAAAJ))

Current Employment: Associate Professor, INPT, Rabat, Morocco

* Stefan Valentin [[Scholar](https://scholar.google.com/citations?hl=en&user=n0W8wx4AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/stefanvalentin/)]

Visiting PhD Student [Oct 2008]

Home Institution: University of Paderborn, Germany (supervisor: [Prof. Holger Karl](https://scholar.google.com/citations?hl=en&user=vjgKHWMAAAAJ))

Current Employment: Professor, Darmstadt University of Applied Sciences, Germany

* Jung-Min Park [Scholar] [LinkedIn]

Visiting Ph.D. Student [Feb 2008]

Home Institution: School of Electrical and Electronics Engineering, Yonsei University, Korea

(supervisor: [Prof. Seong-Lyun Kim](https://scholar.google.com/citations?hl=en&user=591OaKkAAAAJ))

* Basak Can [[Scholar](https://scholar.google.com/citations?hl=en&user=L3hY_SIAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/basak-can-wireless-system-engineer/)]

Visiting Ph.D. Student [Jan – May, 2007], [Nov 2007]

Home Institution: Department of Electronic Systems, Aalborg University, Denmark

(supervisors: [Prof. Hiroyuki Yomo](https://scholar.google.com/citations?hl=en&user=1y06m3UAAAAJ), [Prof. Elisabeth De Carvalho](https://scholar.google.com/citations?hl=en&user=1vJlm6sAAAAJ), [Prof. Ramjee Prasad](https://scholar.google.com/citations?hl=en&user=0J6vYkEAAAAJ))

Current Employment: Senior Wireless Systems Engineer, Amazon Lab126 | Wireless Technology Group, Sunnyvale, CA, USA

* Yijia (Richard) Fan [Scholar] [[LinkedIn](https://www.linkedin.com/in/yijia-richard-fan-2b20824/)]

Visiting Ph.D. Student [Summer 2005], [Fall 2006]

Home Institution: University of Edinburgh, UK (supervisor: [Prof. John S. Thompson](https://scholar.google.com/citations?hl=en&user=XbQGWCUAAAAJ))

Current Employment:  Founder & Managing Partner, iOne Capital Management, New York, USA

**Former Undergraduate Interns and Research Assistants** (23)

1. Gorkem Berkay Koc [Scholar] [[LinkedIn](https://www.linkedin.com/in/gorkembrkoc/)] Ankara Yildirim Beyazit University, Turkey

U/graduate research intern [25 Jan – 25 May 2023]

Sponsor: Study in Canada Scholarship (Global Affairs Canada)

1. Berk Ciloglu [Scholar] [[LinkedIn](https://www.linkedin.com/in/berk-ciloglu/)] Ankara Yildirim Beyazit University, Turkey

U/graduate research intern [25 Jan – 25 May 2023]

Sponsor: Study in Canada Scholarship (Global Affairs Canada)

1. Ravi Teja [Scholar] [[LinkedIn](https://www.linkedin.com/in/p-v-n-ravi-teja-1022a5198/)] Vel Tech University, India

U/graduate research intern [27 Jul – 21 Oct 2022]

Sponsor: Mitacs Globalink

1. Deepali Kumari [Scholar] [[LinkedIn](https://www.linkedin.com/in/deepali-kumari-ab8305189/)] Birsa Institute of Technology, Sindri, India

U/graduate research intern [May – Jul 2021] (virtual)

Sponsor: Mitacs Globalink

1. Chu Dong  [Scholar] [LinkedIn] University of Electronic Science and Technology of China (UESTC), Chengdu, China

U/graduate research intern [Jul – Sep 2021] (virtual)

Sponsor: Mitacs Globalink

1. Joe El Dik [Scholar] [[LinkedIn](https://www.linkedin.com/in/joe-eldik-62611a243/)]

Undergraduate Summer Intern [Jun – Aug 2021]

Communications Engineering, Carleton University, Ottawa, Canada

1. Mohieddin Shakhsheer [Scholar] [[LinkedIn](https://www.linkedin.com/in/mohie-shakhsheer-037651178/)]

I-CUREUS Summer Intern [May – Aug 2021]

Communications Engineering, Carleton University, Ottawa, Canada

1. Berkay Deniz [Scholar] [[LinkedIn](https://www.linkedin.com/in/berkay-deniz-772128160/)]

Summer Intern, virtual [Aug 2021]

Electrical and Electronics Engineering, Bogazici University, Istanbul, Turkey

1. Ammar Abdelsamie  [Scholar] [[LinkedIn](https://www.linkedin.com/in/ammar-abdelsamie-ba6b75174/)] ComEng, Carleton University, Ottawa, Canada

Carleton FED USRA (undergraduate summer research assistant) [May – Aug 2020]

Mohamed Hozayen [[Scholar](https://scholar.google.com/citations?hl=en&user=EGbD0asAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mhozayena/)] CSE, Carleton University, Ottawa, Canada

14. NSERC USRA (Undergraduate Summer Research Assistant) [May – Aug 2019]

13. Carleton University I-CUREUS intern [Sep 2018 – Apr 2019]

1. Mohammad Issa [Scholar] [[LinkedIn](https://www.linkedin.com/in/mohammad-issa-425052176/)] CSE, Carleton University, Ottawa, Canada

Undergraduate summer intern [Jun – Jul 2018]

Current Employment: Cloud Networking Software Developer, Wind River, Ottawa, Canada

1. Rozhina Ghanavi [[Scholar](https://scholar.google.com/citations?hl=en&user=zbrHCycAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/rozhina-ghanavi/)] Tehran University, Iran

Visiting Student [July – Oct 2017]

Current Employment:  Machine Learning Researcher, Rotman School of Management, U. of Toronto

1. Fizza Ahmad Sheikh [Scholar] [[LinkedIn](https://www.linkedin.com/in/fizzaahmadsheikh/)] EE, Carleton University, Ottawa, Canada

NSERC USRA (undergraduate summer research assistant) [May – Aug 2017]

Current Employment:  Senior Data Scientist, Shopify, Toronto, Canada

1. Quoc-Nam Le-The [Scholar] [[LinkedIn](https://www.linkedin.com/in/quoc-nam-le-the-406a2654/)] CSE, Carleton University, Ottawa, Canada

NSERC USRA (undergraduate summer research assistant) [May – Aug 2016]

Current Employment:  Senior, Software Engineer, Google, New York, USA

1. Daniel Rodrigues de Luna [Scholar] [LinkedIn]

Undergraduate Summer Intern [May – Aug 2014]

ScienceWithoutBorders Student, Brasil

1. Sashini Senarath [Scholar] [[LinkedIn](https://www.linkedin.com/in/s-senarath/)] McMaster University, Hamilton, Canada

Undergraduate Summer Intern [May – Aug 2014]

Current Employment:  PhD student, University of Toronto, Canada

1. Abdel Rahman El Beheri  [Scholar] [[LinkedIn](https://www.linkedin.com/in/abdzelbeheri92/)] ComEng, Carleton University, Ottawa, Canada

Undergraduate Summer Intern [May – Aug 2014]

Current Employment:  Cyber Security Analyst, CDW Canada, Toronto, Canada

1. Tarek Hamouda [Scholar] [[LinkedIn](https://www.linkedin.com/in/tarekhamoudameng/)] ComEng, Carleton University, Ottawa, Canada

NSERC USRA (Undergraduate Summer Research Assistant) [May – Aug 2012]

Current Employment:  Software Engineering Manager, Dell Technologies, Ottawa, Canada

Furkan Alaca [[Scholar](https://scholar.google.com/citations?hl=en&user=rFCfvEIAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/furkan-alaca-3939b269/)] ComEng, Carleton University, Ottawa, Canada

1. NSERC USRA (undergraduate summer research assistant) [May – Aug 2008]
2. NSERC USRA (undergraduate summer research assistant) [May – Aug 2009]
3. NSERC USRA (undergraduate summer research assistant) [May – Aug 2010]

Current Employment:  Assistant Professor, School of Computer Science, Queen’s University, Canada

1. Talha Ahmad [Scholar] [[LinkedIn](https://www.linkedin.com/in/talha-ahmad-8a07486a/)] EE, Carleton University, Ottawa, Canada

NSERC USRA (undergraduate summer research assistant) [May – Aug 2009]

Current Employment: Engineering Manager, Momentive.ai, Ottawa, Canada

**Graduates – Completed with Theses** (29 PhD + 31 MASc)

**29. Aditya Rajasekaran** – PhD, Aug 2023 [[Scholar](https://scholar.google.com/citations?hl=en&user=MYe4KtkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/aditya-rajasekaran-b6b33b108/)]

NOMA Integrated with Enabling Technologies and Practical Challenges [thesis]

Current Employment: Technical Coordinator, Ericsson, Ottawa, Canada

1. **Safwan Alfattani** – PhD, University of Ottawa, Nov 2022 [[Scholar](https://scholar.google.com/citations?hl=en&user=EWtRkIkAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/safwan-alfattani-13021b27/)]

(cosupervisor: [Prof. A. Yongacoglu](https://scholar.google.ca/citations?user=K-1FpxMAAAAJ&hl=en))

Aerial and Stratospheric Platforms and Reconfigurable Intelligent Surfaces in Future Wireless Networks [[**thesis**](https://ruor.uottawa.ca/handle/10393/44395)]

Current Employment: Assistant Professor, King Abdulaziz University, Saudi Arabia

**27. Nesrine Cherif** – PhD, University of Ottawa, Oct 2022  [[Scholar](https://scholar.google.com/citations?hl=en&user=BDV05FQAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/nesrine-cherif-44539869/)]

(cosupervisor: [Prof. A. Yongacoglu](https://scholar.google.ca/citations?user=K-1FpxMAAAAJ&hl=en))

Cellular-connected UAV in Next-Generation Wireless Networks [[**thesis**](https://ruor.uottawa.ca/handle/10393/44224)]

Current Employment: 5G NR L1 Developer, Dell, Ottawa, Canada

**26. Rawan Alkurd**– PhD, Sep 2020   [[Scholar](https://scholar.google.ca/citations?hl=en&user=cQVoh20AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/rawan-alkurd/)]

(cosupervisor: [Dr. Ibrahim Abualhaol](https://scholar.google.ca/citations?user=UougQ9UAAAAJ&hl=en))

Big Data-driven AI-based Wireless Network Personalization [[**thesis**](https://curve.carleton.ca/27165d55-bec0-415d-b73d-01ceb026f67e)]

Current Employment: Data Scientist, Larus, Ottawa, Canada

**25. Irem Bor-Yaliniz**– PhD, May 2020 [[Scholar](https://scholar.google.ca/citations?hl=en&user=kG1eCUsAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/irembor/)]

Using Mobility for Agility: Enhancing Wireless Networks with Aerial Access Nodes and User Involvement [[**thesis**](https://curve.carleton.ca/5d2a9f0f-e176-4163-9c2e-e1f2b362eb69)]

Current Employment: Network Design Engineer, Huawei, Ottawa, Canada

**24. Elham Kalantari**– PhD, University of Ottawa, Jan 2020 [[Scholar](https://scholar.google.ca/citations?hl=en&user=IQQ319sAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/elham-kalantari/)]

(co-supervisor: Prof. Abbas Yongacoglu, University of Ottawa)

Base Station Placement in Integrated Aerial and Terrestrial Wireless Cellular Networks [[**thesis**](https://ruor.uottawa.ca/bitstream/10393/40169/3/Kalantari_Elham_2020_thesis.pdf)]

Current Employment: Radio Systems and Technology Developer, Ericsson, Ottawa, Canada

**23. Monirosharieh Vameghestahbanati**– PhD, Jan 2020 [[Scholar](https://scholar.google.com/citations?user=xOuA6IYAAAAJ&hl=en&oi=ao)] [[LinkedIn](https://www.linkedin.com/in/monireh-vamegh-monirosharieh-vameghestahbanati-07a893215/)]

(co-supervisors: Prof. Ian Marsland and Prof. Ramy Gohary)

Designing Multidimensional Constellations and Efficient Detection Schemes for SCMA Systems [[**thesis**](https://curve.carleton.ca/f481d0f2-ec66-44b4-a783-1c602d2c210a)]

Current Employment: Research Engineer, Huawei, Ottawa, Canada

**22. Mohamed Alzenad**– PhD, May 2019 [[Scholar](https://scholar.google.ca/citations?hl=en&user=oZKefYgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mohamed-alzenad-3020aa140/)]

Integrated Aerial and Terrestrial Wireless Access Architecture for Beyond-5G Networks [[**thesis**](https://curve.carleton.ca/bc7ebbe9-f6b0-4a9c-b697-4cd7b5bb2851)]

Current Employment: Research Engineer, Huawei, Ottawa, Canada

**21. Faraj Lagum**– PhD, Nov 2018 [[Scholar](https://scholar.google.ca/citations?user=pl4V5AYAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/farajlagum/)]

(co-supervisor: Dr. Sebastian Szyszkowicz)

Stochastic Geometry-Based Tools for Spatial Modeling and Planning of Future Cellular Networks: Opportunistic Cell Switch-off and Strategic Deployment of Flying Base Stations [[**thesis**](https://curve.carleton.ca/87495a55-a94a-4da3-a824-c075c80f6814)]

Current Employment: Natural Language Processing (NLP) Engineer, LevaData, Ottawa, Canada

**20. Zakaria El-Moutaouakkil**– PhD, IMT Atlantique, France, Oct 2018 [Scholar] [[LinkedIn](https://www.linkedin.com/in/zakaria-el-moutaouakkil-05b34422a/)]

(co-supervisors: Prof. Samir Saoudi, IMT Atlantique, France, and Dr. Kamel Tourki, Huawei France)

Spectrum-Efficient Cognitive MIMO Relaying: A Practical Design Perspective

Current Employment: Project Engineer, Sicotel Engineering Management Company, Casablanca, Morocco

**19. Hossein Khoshnevis**– PhD, Sep 2018 [[Scholar](https://scholar.google.ca/citations?hl=en&user=5tg94MgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/hossein-khoshnevis-53267220/)]

(co-supervisor: Prof. Ian Marsland)

Multilevel Polar Coded-Modulation for Wireless Communications [[**thesis**](https://curve.carleton.ca/d5603c6b-6338-4796-a36c-748041bc0ad1)]

Current Employment: DSP Engineer, Huawei, Ottawa, Canada

**18. Yaser Fouad**– PhD, Jun 2018 [[Scholar](https://scholar.google.ca/citations?user=tgR_93QAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/yaser-fouad-phd-36093526/)]

(co-supervisor: Prof. Ramy Gohary)

Number-Theoretic Sequence Design for Uncoordinated Resource Block Assignments in Relay-Assisted Machine-Type Communication Systems [[**thesis**](https://curve.carleton.ca/74cfc8fc-e590-4876-ab3f-c46634d3610c)]

Current Employment: Staff Engineer, Samsung Electronics, Hillsboro, Oregon, USA

**17. Mehmet Cagri Ilter**– PhD, Dec 2017 [[Scholar](https://scholar.google.ca/citations?hl=en&user=22kvGJ8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mehmet-cagri-ilter-77767812a/)]

SNR-Adaptive Constellation Design for Convolutional Codes [[**thesis**](https://curve.carleton.ca/bc690b6d-0410-4902-8f32-0e09a911acfb)]

Current Employment: PDF, Aalto University of Science and Technology, Finland

**16. Hamza Umit Sokun**– PhD, Dec 2017 [[Scholar](https://scholar.google.ca/citations?user=USyj_cIAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/hamza-umit-sokun-0183438b/)]

(co-supervisor: Prof. Ramy Gohary)

Enhancing Energy and Spectral Efficiencies in Wireless Cellular Networks [[**thesis**](https://curve.carleton.ca/4b475751-9259-426a-b7d5-e5f73073b850)]

Current Employment: 5G System Developer, Ericsson, Ottawa, Canada

**15. Meisam Mirahsan**– PhD, Jul 2017 [[Scholar](https://scholar.google.ca/citations?user=7WT4DFwAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/meisam-mirahsan/)]

HetHetNets: Heterogeneous Wireless Cellular Networks with Heterogeneous Traffic [[**thesis**](https://curve.carleton.ca/ac5e9079-587e-4364-881c-b9d90a094238)]

Current Employment: Senior Software Engineer, Nokia, Ottawa, Canada

**14. Tamer Beitelmal**– PhD, Dec 2016 [[Scholar](https://scholar.google.ca/citations?user=y0l3AXwAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/wirelessdesigner/)]

(co-supervisor: Dr. Sebastian Szyszkowicz)

The Cell Switch-Off Approach for Energy Efficient Cellular Networks [[**thesis**](https://curve.carleton.ca/564d20e8-c2c9-46eb-b67d-2a6933dcfe3c)]

Current Employment: Software Designer, March Networks, Ottawa

**13. Rozita Rashtchi**– PhD, Jan 2016 [[Scholar](https://scholar.google.ca/citations?user=F_nZV-wAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/rashtchi/)]

(co-supervisor: Dr. Ramy Gohary)

Joint Routing, Scheduling and Power Allocation in Generic Multihop Wireless Networks [[**thesis**](https://curve.carleton.ca/7967ea28-d09c-44b4-8dc3-cf42675984c5)]

Current Employment: 4G/5G System Designer, Ericsson, Ottawa, Canada

**12. Kevin Wen Luo**– PhD, Sep 2015 [Scholar] [[LinkedIn](https://www.linkedin.com/in/kevin-luo-77310a16/)]

(co-supervisor: Dr. Ramy Gohary)

Enhancing Rates in Relay Channels **[**[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-KevinWenLuo-YanikomerogluGohary-Carleton-Sep2015.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-KevinWenLuo-YanikomerogluGohary-Carleton-Sep2015.pdf)**]**

Current Employment: LTE Systems Designer, Ericsson, Ottawa, Canada

**11. Alireza Sharifian**– PhD, Sep 2014 [[Scholar](https://scholar.google.ca/citations?user=HP5EzFUAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/alireza-sharifian-39978143/)]

Utility-based Packet Scheduling and Resource Allocation Algorithms with Heterogeneous Traffic for Wireless OFDMA Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-AlirezaSharifian-Yanikomeroglu-Carleton-Sep2014.pdf)]

**10. Akram Bin Sediq** – PhD, Aug 2013 [[Scholar](https://scholar.google.ca/citations?user=X_1QuPoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/akrambinsediq/)]

Towards Efficient and Fair Radio Resource Allocation Schemes for Interference-Limited Cellular Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-AkramBinSediq-Yanikomeroglu-Carleton-Sep2013.pdf)**]**

Current Employment: Senior Specialist – RAN Edge Analytics, Ericsson, Ottawa, Canada

**9. Mahmudur Rahman** – PhD, Jul 2011 [[Scholar](https://scholar.google.ca/citations?user=Mp5SHs8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mahmudur-rahman-phd-1324026/)]

Dynamic Inter-Cell Interference Coordination in Cellular OFDMA Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-MahmudurRahman-Yanikomeroglu-Carleton-July2011.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-MahmudurRahman-Yanikomeroglu-Carleton-July2011.pdf)**]**

Current Employment: Expert Engineer, Innovation, Science and Economic Development Canada (ISED), Ottawa, Canada

**8. Mohamed Rashad Salem** – PhD, Jan 2011 [[Scholar](https://scholar.google.ca/citations?user=icSqeSwAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mahmudur-rahman-phd-1324026/)]

(co-supervisor: Prof. David Falconer)

Radio Resource Management in OFDMA-based Cellular Relay Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-MohamedRashadSalem-YanikomerogluFalconer-Carleton-10Jan2011.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-MohamedRashadSalem-YanikomerogluFalconer-Carleton-11Jan2011.pps)**]**

Current Employment: Principal Engineer, Huawei, Ottawa, Canada

**7. Sebastian Szyszkowicz**– PhD, Jan 2011 [[Scholar](https://scholar.google.ca/citations?user=C73amp0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sebastian-szyszkowicz-215762206/)]

Interference from Large Wireless Networks under Correlated Shadowing [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-SebastianSzyszkowicz-Yanikomeroglu-Carleton-Jan2011.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-SebastianSzyszkowicz-Yanikomeroglu-Carleton-07Jan2011.ppt)**]**

Current Employment: Adjunct Research Professor, Systems and Computer Engineering, Carleton University

**6. Houda Chafnaji** – PhD, Telecom Bretagne, France, Nov 2010 [Scholar] [[LinkedIn](https://www.linkedin.com/in/houda-chafnaji-a388441b/)]

(co-supervisor: Prof. Samir Saoudi, Telecom Bretagne, France)

Advanced Hybrid-ARQ Receivers for Broadband MIMO Communications [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-HoudaChafnaji-SaoudiAitIdirYanikomeroglu-TelecomBretagne-Nov2010.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-HoudaChafnaji-SaoudiAitIdirYanikomeroglu-TelecomBretagne-09Nov2010.pdf)**]**

Current Employment: Associate Professor, INPT (Institut National des Postes et Telecommunications), Rabat, Morocco

**5. Muhammad Aljuaid** – PhD, Jul 2010 [Scholar] [LinkedIn]

Interference Characterization and Spectrum Sharing in Large Wireless Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-MuhammadAljuaid-Yanikomeroglu-Carleton-August2010.pdf)**] [**[**slides**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDDefenceSlides-MuhammadAljuaid-Yanikomeroglu-Carleton-14July2010.pdf)**]**

Current Employment: Saudi Aramco, Dhahran, Saudi Arabia

**4. Saad Al-Ahmadi** – PhD, Jul 2010 [[Scholar](https://scholar.google.ca/citations?user=8PFkEZYAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/saad-al-ahmadi-7190003b/)]

Composite Fading Channel Modeling and Information Capacity of Distributed Antenna Architectures in Cellular Networks **[**[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-SaadAlAhmadi-Yanikomeroglu-Carleton-July2010.pdf)**]**

Current Employment: [Associate Professor](http://faculty.kfupm.edu.sa/EE/ahmadisa/), Electrical Engineering, King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia

**3. Furuzan Atay Onat** – PhD, Dec 2008 [[Scholar](https://scholar.google.ca/citations?user=jus67R8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/furuzan-atay-onat-4420744/)]

Cooperative Diversity Relaying Techniques in Wireless Communication Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-FuruzanAtayOnat-Yanikomeroglu-Carleton-Dec2009.pdf)**]**

**2. John Boyer** – PhD, Sep 2007 [Scholar] [[LinkedIn](https://www.linkedin.com/in/jboyer0/)]

(cosupervisor: Prof. David D. Falconer)

Cooperative Connectivity Models and Bounds for Wireless Relay Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-JohnBoyer-YanikomerogluFalconer-Carleton-Sep2007.pdf)**]**

Current Employment: Chief Operating Officer, Bluink Ltd., Ottawa, Canada

**1. Abdulkareem Adinoyi** – PhD, May 2006 [[Scholar](https://scholar.google.ca/citations?user=3OWsbvAAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/abdulkareem-adinoyi-05637310/)]

Multi-Antenna and Relaying Techniques in Wireless Communication Networks [[**thesis**](http://www.sce.carleton.ca/faculty/yanikomeroglu/Pub/PhDThesis-AbdulkareemAdinoyi-Yanikomeroglu-Carleton-May2006.pdf)**]**

Current Employment: Senior Consultant, Saudi Telecom Company, Riyadh, Saudi Arabia

1. Tuheen Ahmmed – MASc, Dec 2023 [[Scholar](https://scholar.google.ca/citations?hl=en&user=-h47Ms8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/tuheen/)]

Passive Intermodulation Effects in Modern Radio Communication Systems

30. Jintao Liang – MASc, Jan 2023 [[Scholar](https://scholar.google.com/citations?user=jcgKHVgAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/jintao-liang-401425255/)]

System Analysis for Satellite Networks with Free-Space Optical Links

29. Ammar Abdelsamie – MASc, Dec 2022 [Scholar] [[LinkedIn](https://www.linkedin.com/in/ammar-abdelsamie/)]

(cosupervisor: Prof. Ian Marsland)

Novel Low-complexity Neural Network Aided Detection for Faster-Than-Nyquist (FTN) Signalling in ISI Channels

Current Employment: Solutions Architect, Amazon Web Services (AWS), Dubai, UAE

28. Nima Palizban – MASc, Aug 2017 [Scholar] [[LinkedIn](https://www.linkedin.com/in/nima-palizban-2a93a5124/)]

(cosupervisor: Dr. Sebastian Szyszkowicz)

Millimeter Wave Small Cell Network Planning for Outdoor Line-of-Sight Coverage

Current Employment: LTE Software Designer, Ericsson, Ottawa, Canada

27. Ziwen Zhao – MASc, Sep 2016 [Scholar] [[LinkedIn](https://www.linkedin.com/in/ziwen-zhao-a6a202a6/)]

(cosupervisor: Dr. Sebastian Szyszkowicz)

Spatial Clustering in Slotted ALOHA Two-Hop Random Access for Machine Type Communications

Current Employment: Software Development Engineer, AWS (Amazon Web Service), Vancouver, BC, Canada

26. Philip Reinhard Balogun – MASc, Jan 2016 [Scholar] [[LinkedIn](https://www.linkedin.com/in/reinhard-balogun-54405529/)]

(co-supervisors: Prof. Ian Marsland and Dr. Ramy Gohary)

Multilevel Polar Codes for Grassmannian Signaling

Current Employment: Software Developer, Ericsson, Ottawa, Canada

25. Inan Korkmaz – MASc, May 2015 [Scholar] [[LinkedIn](https://www.linkedin.com/in/inan-korkmaz-ba82b561/)]

Fast Demand Control in Smart Grid Communications with User-in-the-Loop (UIL) Method

Current Employment: Electrical Engineer, RidgeBlade Power Collective, Kingston, ON, Canada

24. Ziyang Wang – M.A.Sc., Sep 2014 [Scholar] [[LinkedIn](https://www.linkedin.com/in/ziwang/)]

(co-supervisor: Prof. Marc St-Hilaire)

Resource Management in Wireless Cellular Networks with Heterogeneous Capacity Supply and Heterogeneous Traffic Demand (HetHetNets)

Current Employment: Senior Web Developer, Solace, Ericsson, Ottawa

23. Jing Dang – M.A.Sc., Sep 2013 [Scholar] [LinkedIn]

Distributed Multiple Access for the Uplink of Multi-Cell OFDMA Networks

Current Employment: Ericsson, Ottawa

22. Gencer Cili – M.A.Sc., Sep 2012 [[Scholar](https://scholar.google.ca/citations?hl=en&user=AHjFH54AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/gencercili/)]

(co-supervisor: Prof. Richard Yu)

Coordinated Multi-Point Transmission Aided Cell Switch Off Schemes for Energy Efficient Mobile Cellular Networks

Current Employment: Senior Engineering Manager, Product Analytics & Data Science, Apple, California, USA

21. Furkan Alaca – M.A.Sc., Aug 2012 [[Scholar](https://scholar.google.com/citations?hl=en&user=rFCfvEIAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/furkan-alaca-3939b269/)]

Current Employment: Assistant Professor, School of Computer Science, Queen’s University, Canada

20. Talha Ahmad – M.A.Sc., Jul 2011 [Scholar] [[LinkedIn](https://www.linkedin.com/in/talha-ahmad-8a07486a/)]

Coordinated Multi-Point Transmission for Interference Mitigation in Cellular Distributed Antenna Systems

Current Employment: Software Development Manager, March Networks, Ottawa, Canada

19. Yaser Fouad – M.A.Sc., Jul 2011 [[Scholar](https://scholar.google.ca/citations?hl=en&user=tgR_93QAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/yaser-fouad-phd-36093526/)]

A Distributed Resource Block Assignment Scheme for Relay-Assisted Cellular Networks with Self-Organizing Terminal Relays

Current Employment: Staff Engineer, Samsung Electronics, Hillsboro, Oregon, USA

18. Arshdeep Singh Kahlon – M.A.Sc., Jul 2011 [Scholar] [LinkedIn]

(co-supervisor: Dr. Shalini Periyalwar)

Outage in Large Wireless Networks with Spectrum Sharing under Rayleigh Fading

17. Heba Eid – M.A.Sc., May 2011 [Scholar] [[LinkedIn](https://www.linkedin.com/in/hebaeid/)]

Inter-cell and Intra-Cell Interference Coordination in a Cellular Network with Highly-Sectored Base Stations

Current Employer: Content Strategist, Magalix Corporation, Cairo, Egypt

16. Soumitra Dixit – M.A.Sc., Jan 2010 [Scholar] [[LinkedIn](https://www.linkedin.com/in/soumitra-dixit-29812ab/)]

(co-supervisor: Dr. Shalini Periyalwar)

A Distributed Framework with a Novel Pricing Model for Dynamic Spectrum Access for Secondary Users in Infrastructure based Wireless Networks

Current Employment: Engineer, Technical Expertise Center, Nokia, Ottawa, Canada

15. Akram S. Bin Sediq – M.A.Sc., Sep 2008 [[Scholar](https://scholar.google.ca/citations?hl=en&user=X_1QuPoAAAAJ)] [[LinkedIn](https://www.linkedin.com/in/akrambinsediq/)]

Diversity Combining of Signals with Different Modulation Levels and Constellation Rearrangement in Cooperative Relay Networks

Current Employment: Senior Specialist – RAN Edge Analytics, Ericsson, Ottawa, Canada

14. Feroz Bokhari – M.A.Sc., Dec 2007 [Scholar] [[LinkedIn](https://www.linkedin.com/in/feroz-bokhari-8908326/)]

(co-supervisor: Dr. William Wong, Communications Research Centre Canada)

Adaptive Token Bank Fair Queuing Scheduling in the Downlink of 4G Wireless Networks

Current Employment: Software QA Engineer, Amazon Lab126, Sunnyvale, California, USA

13. Sebastian S. Szyszkowicz – M.A.Sc., Jan 2007 [[Scholar](https://scholar.google.ca/citations?hl=en&user=C73amp0AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/sebastian-szyszkowicz-215762206/)]

Interference in Cellular Networks: A Sum of Lognormals Modeling

Current Employment: Adjunct Research Professor, Systems and Computer Engineering, Carleton University

12. Omer Mubarek – M.A.Sc., Jan 2005 [Scholar] [[LinkedIn](https://www.linkedin.com/in/omermubarek/)]

(co-supervisor: Dr. Shalini Periyalwar, Nortel Networks)

Dynamic Frequency Hopping in Cellular Fixed Relay Networks

Current Employment: Principal Architect, HERE, Chicago, USA

11. Hakan Bolukbasi – M.A.Sc., Jan 2005 [Scholar] [[LinkedIn](https://www.linkedin.com/in/hakan-bolukbasi-349bb844/)]

(co-supervisor: Prof. David D. Falconer)

Feasibility of Providing Ubiquitous High Data Rate Coverage in Cellular Fixed Relay Networks

Current Employment: Senior Digital Design Engineer, Aselsan, Ankara, Turkey

10. Adrian Florea – M.A.Sc., Dec 2004 [Scholar] [[LinkedIn](https://www.linkedin.com/in/adrian-florea-769b731/)]

On the Efficiency of Using Multiple Hops in Fixed Relay based Wireless Networks

Current Employment: Research Director, Communications Research Centre Canada, Ottawa, Canada

9. Mahmudur Rahman – M.A.Sc., May 2004 [[Scholar](https://scholar.google.ca/citations?hl=en&user=Mp5SHs8AAAAJ)] [[LinkedIn](https://www.linkedin.com/in/mahmudur-rahman-phd-1324026/)]

(co-supervisor: Prof. Samy Mahmoud)

Adaptive Modulation & Coding-Based Packet Scheduling with Inter-Base Station Coordination in Fixed Cellular Broadband Wireless Networks

Current Employment: Expert Engineer, Innovation, Science and Economic Development Canada (ISED), Ottawa, Canada

8. Shoaev Hares – M.A.Sc., Jan 2004 [Scholar] [[LinkedIn](https://www.linkedin.com/in/shoaev-hares-6241211/)]

(co-supervisor: Dr. B. Hashem, Saudi Telecom Company)

Diversity and Adaptive Modulation & Coding Aware Routing in WLAN Multihop Networks with Centrally Scheduled Multiple Access

Current Employment: Software Engineer, Microsoft, Seattle, USA

7. Donald Walsh – M.A.Sc., Jan 2004 [Scholar] [LinkedIn]

Two-Hop Relaying in CDMA Networks Using the Unlicensed Bands

6. Imran Abdul Bari Syed – M.A.Sc., Dec 2003 [Scholar] [[LinkedIn](https://www.linkedin.com/in/syedimranonlinkedin/)]

(co-supervisor: Prof. Mohamed H. Ahmed, Memorial University)

Performance Improvements through the Mesh Architecture in TDMA based Broadband Fixed Cellular Networks

Current Employment: Senior NPI and Outsourced Manufecturing Engineer, Blackberry, Waterloo, Canada

5. Huining (Vivien) Hu – M.A.Sc., Sep 2003 [Scholar] [[LinkedIn](https://www.linkedin.com/in/vivien-hu-8aa37654/)]

Performance Analysis of Cellular Networks with Digital Fixed Relays

Current Employment: Electrical Engineer, EPMC Inc., Virginia, USA

4. Ehab Armanious – M.A.Sc., Jan 2003 [Scholar] [LinkedIn]

(co-supervisor: Prof. David D. Falconer)

Link Adaptation Techniques for Fixed Broadband Wireless Access Systems

3. Van Sreng – M.A.Sc., Jan 2002 [Scholar] [[LinkedIn](https://www.linkedin.com/in/van-sreng-1814015/)]

(co-supervisor: Prof. David D. Falconer)

Capacity Enhancement through Two-Hop Relaying in Cellular Radio Systems

Current Employment: Senior Staff RF HW Designer, NIO, San Jose, CA, USA

2. John Boyer – M.A.Sc., 2001 [Scholar] [[LinkedIn](https://www.linkedin.com/in/jboyer0/)]

(co-supervisor: Prof. David D. Falconer)

Multihop Wireless Communications Channels

Current Employment: Chief Operating Officer, Bluink Ltd., Ottawa, Canada

1. Salem Hamad Salamah – M.A.Sc, 2000 [Scholar] [[LinkedIn](https://www.linkedin.com/in/salem-salamah-1118b569/)]

(co-supervisor: Prof. David D. Falconer)

Transmit Power Control in Fixed Cellular Broadband Wireless Systems

Current Position: Lecturer, College of Technological Studies, PAAET, Kuwait

**Undergraduate (4th Year) Project Students** (52; 16 projects)

2022-2023

LTE-Controlled Drone

Conor Johnson Martin, Bailey Lyster, Graham Kendall, Stephen Batterton

2021-2022

3D Imaging with LTE-enabled UAV

Nour Ayoub, Mohamed Gad, Ali Magdy Abdulmoemen, Mohamed Hany Hamed

2020-2021

First Responder Drone for Incident Assessment and Active Response

Jad Choufani, Hassan Dahrouj, Adel Agha, Mohammed Tukur Jaji

2019-2020

BVLOS Control of an Unmanned Aerial Vehicle by LTE Network for Rapid-Response Emergency Medical Assistance

Haoyang Guo, Hassan Yusuf, Ian Harvey

2017-2018

LTE-Controlled Drone

Liam Brown, Otonye Iyalla

2016-2017

LTE-Controlled Drone

Stephane Ernst, Ryan Billard, Kaan Sozan

2008-2009

Multihop Sensor Networks

Farhan Zaman, Asim Ahmed, Farhan Haq

2005-2006

Multihop Communications for Next-Generation Wireless Cellular Networks

Karunathas Balasubramaniam, Kabo Kgwarae, Tebatso Nage, Theresa Nguyen, Xin Zhang, Jiesheng Zhu

2003-2004

Multihop Communications for Future Wireless Cellular Networks

Kurt Yensen, Shingayi Bamhare

2002-2003

Intelligent Relaying Technologies in Future Wireless Cellular Networks

Jacek Dmochowski, Rob Hamelin, Thayaparana Kumarasamy

2001-2002

Relaying Technologies in Future Wireless Cellular Networks

Araya Abebe, Ahmed Al-Asaad, Ela Beres, Kasinathan Sivaratnam

2000-2001

Transmit Power Control in CDMA Multimedia Systems

Bassey Akan, Soheer Choudhry, Shoaev Hares, Mohammed Treif, Kaleswaran Visuvalingam, Donald Walsh

1999-2000

Propagation Measurements for Indoor Wireless Communication

W. Santhiapillai

Power Control with CDMA Distributed Antenna Systems

R. Rajaratnam, M. Mahalingam, V. Thangarajah

1998-1999

Power Control with CDMA Distributed Antenna Systems

A. Tharmalingam, S. Thirugnanasampanther

Indoor Radio Coverage Analysis Using Distributed Antenna Systems

S. Thiagarajah, S. Rajagopal