

**KEYNOTES, INVITED TALKS & SEMINARS, TUTORIALS – since 2004**

243. TBD

Invited Speaker

Communications, Space &amp; Technology Commission (CST)

25–26 November 2024 | Riyadh, Saudi Arabia

242. TBD

Keynote

IEEE MECOM 2024

17–20 November 2024 | Abu Dhabi, UAE

241. TBD

Invited Speaker | Ubiquitous Connectivity

3rd Abu Dhabi 6G Summit

14–15 November 2024 | Abu Dhabi, UAE

240. High Altitude Platform Stations (HAPS) in Stratosphere: A Key Enabler for the IoT Revolution

Keynote

The 10<sup>th</sup> IEEE Wireless World Forum on the Internet of Things ([WF-IoT 2024](#))

10–13 November 2024 | Ottawa, Canada

239. Promise of Near-Space towards a Secure, Intelligent, and Collaborative 3D Network of Networks

IEEE PIMRC 2024 Workshop on Secured, Intelligent, and Collaborative Cell-free Networking for 6G and Beyond

02 September 2024 | Valencia, Spain

238. TBD (Stratosphere/ Near-Space: The Last Untapped Frontier in Networks)

IEEE Distinguish Lecture

IEEE EMC/VTS/AP Chapter of Joint NJ Coast and Princeton Section

Summer 2024 | Holmdel, New Jersey, USA

237. TBD

Cisco

236. TBD

Nokia Bell Labs

235. TBD

Jordan IEEE YP

234. HAPS (High Altitude Platform Station) Networks in Stratosphere: A Transformative Paradigm

Keynote

The 6<sup>th</sup> International Conference on Communications, Signal Processing, and their Applications ([ICCSPA'24](#))

09 July 2024 | Istanbul, Turkiye

233. Canada's Future Networks Vision

International 6G Strategies and Use Cases Session

[Inter-Academy Workshop on Future Communications and 6G](#)

24–25 June 2024 | Glasgow, UK

232. On the Challenges and Opportunities of Space Networks Panel  
4<sup>th</sup> IEEE Workshop on Satellite Mega-constellations in the 6G Era ([SatComNet'24](#)), collocated with IEEE ICC (International Conference on Communications) 2024 [[LinkedIn](#)]  
13 June 2024 | Denver, USA
231. High Altitude Platform Stations (HAPS) in Near-Space: Towards an Integrated Network of Networks  
IEEE Vehicular Technology Society Distinguished Lecture  
IEEE Vehicular Technology Society Chicago Chapter  
29 May 2024 | Chicago, USA | virtual
230. Integrated Terrestrial and Non-Terrestrial Networks:  
The Most Significant Architectural Update in the History of Mobile Networks  
KAUST UNESCO Chair Seminars [[LinkedIn](#)] [[LinkedIn](#)]  
27 May 2024 | virtual
229. NTN (Non-Terrestrial Networks): 6G and Beyond  
Keynote  
The 32<sup>nd</sup> IEEE Conference on Signal Processing and Communications Applications ([SIU 2024](#))  
16 May 2024 | Tarsus, Turkiye
228. 6G & Beyond and Non-Terrestrial Networks  
[NSERC Create Program TRAVERSAL Seminar](#)  
01 May 2024 | Ottawa, Canada
227. The Disruptive Side of 6G: NTN (Non-Terrestrial Networks)  
Keynote  
20<sup>th</sup> International Conference on the Design of Reliable Communication Networks ([DRCN 2024](#))  
08 May 2024 | Montreal, Quebec, Canada
226. Connectivity and Communication Technologies Panel  
4th International ITS Summit ([SUMMITS'24](#))  
03 May 2024 | Ankara, Turkiye & hybrid
225. Optical Wireless Communications Panel  
[IEEE WIE International Leadership Summit](#)  
IEEE UAE Chapter Joint Society Processing Signal/Communications Section  
25 April 2024 | Dubai, United Arab Emirates
224. High Altitude Platform Stations (HAPS) in Stratosphere: Towards an Integrated Network of Networks  
Invited Seminar  
IEEE Young Professionals  
06 March 2024 | Hub350, Ottawa
223. Ottawa'da Nasıl İş Bulurum Paneli  
Türk Kanada Kültür Derneği (TKKD)  
05 Mart 2024 | Virtual
222. The New NTN (Non-Terrestrial Networks) Discussion  
Invited Seminar  
Defence Research and Development Canada (DRDC)  
21 February 2024 | Virtual
221. A New NTN Paradigm: HAPS / HIBS  
Non-Terrestrial Networks (NTN) Panel

50<sup>th</sup> Wireless World Research Forum (WWRF 50)  
10 January 2024 | Virtual

220. The New NTN (Non-Terrestrial Networks) Discussion  
Invited Seminar  
Macao Polytechnique University  
11 December 2023 | Macao, SAR, China

219. The New NTN (Non-Terrestrial Networks) Discussion  
IEEE ComSoc Workshop on 6G Technologies for Global Connectivity  
27 November 2023 | Virtual

218. Disrupt or Be Disrupted Panel  
Hub350 Annual Partnership Summit, Kanata North Business Association'  
14 November 2023 | Ottawa, Ontario, Canada

217. Experts Panel on “3D Networks: Towards Integrated Land-Sky-Space Communications”  
International Conference on 6G Networking ([6GNet 2023](#))  
19 October 2023 | Paris, France

216. The New NTN (Non-Terrestrial Networks) Discussion  
[Keynote](#)  
International Conference on 6G Networking ([6GNet 2023](#))  
19 October 2023 | Paris, France

215. The New NTN (Non-Terrestrial Networks): Research Directions  
Invited Seminar  
Advanced Wireless Technology, Dell  
22 September 2023 | Virtual

214. The New NTN (Non-Terrestrial Networks): Research Directions  
Invited Seminar  
Honeywell  
15 September 2023 | Ottawa, Ontario, Canada

213. Sharing Best Practices in Writing Technical Papers  
[Special Session: How to Write Technical Papers](#)  
[IEEE International Symposium on Personal, Indoor and Mobile Radio Communications \(PIMRC\) 2023](#)  
08 September 2023 | Toronto, Ontario, Canada

212. Empowering Vertical Industries from Stratosphere in the 6G Era  
[Special Session: 6G Empowered Vertical Industries](#)  
[IEEE International Symposium on Personal, Indoor and Mobile Radio Communications \(PIMRC\) 2023](#)  
06 September 2023 | Toronto, Ontario, Canada

211. Next-After-Next Generation NTN Architecture for Ultra-Connected World 2040  
Keynote Speech  
[Mega Constellation Satellite Network for 6G Workshop](#)  
[IEEE International Symposium on Personal, Indoor and Mobile Radio Communications \(PIMRC\) 2023](#)  
05 September 2023 | Toronto, Ontario, Canada

210. Next-After-Next Generation NTN Architecture for Ultra-Connected Canada 2040  
Optical SatCom Consortium Canada (OSC) Talk  
05 Jul 2023 | Virtual

209. Integrated Terrestrial and Non-Terrestrial Networks: A Vision for Canada for 2030s and Beyond  
Invited Talk

Communications Research Centre Canada (CRC)  
21 June 2023 | Ottawa, Ontario, Canada | In-person

208. Stratosphere: The Uncharted Frontier in Networks  
Keynote Speech

[The First International Conference on Advances in Electrical and Computer Engineering \(ICAECE 2023\)](#)  
16 May 2023 | Tebessa, Algeria | Hybrid

207. A Potpourri of Views and Reflections on Wireless, AI, and My Own Career  
ODTU|METU Electrical and Electronics Engineering, EE494 Engineering Design II Course  
22 March 2023 | Hybrid

206. [Stratosphere: The Uncharted Frontier in Networks](#)  
IEEE Young Professionals  
14 March 2023 | Virtual

205. Universal Access: The Canadian Context  
[CAE \(Canadian Academy of Engineering\) Industry-Academia Workshop on Sustainable Intelligent Next G Systems](#)  
22 February 2023 | University of Toronto, Toronto, ON, Canada | In-Person

204. [Stratospheric Networks of the Future: It is More than Connectivity](#)  
Keynote Speech  
[IEEE 41st International Conference on Consumer Electronics \(ICCE\)](#)  
08 January 2023 | Las Vegas, NV, USA | In-Person

203. The Holy Grail of LEO Research: Direct Connectivity to Smartphones  
Panel Speech  
[Mega-Constellation-Based Non-Terrestrial Network for 6G Panel](#)  
IEEE Globecom 2022  
05 December 2022, Rio de Janeiro, Brazil | Hybrid

202. Stratospheric Networks of the Future: It is More than Connectivity  
Keynote Speech  
International Conference on Satellite Computing ([IEEE Satellite 2022](#))  
25-27 November 2022, Shenzhen, China | Hybrid

201. The Holy Grail of LEO Research: Direct Connectivity to Smartphones  
Invited Talk, SCETalks Series  
Carleton University, SCESoc  
Ottawa, Canada, 10 November 2022

200. The Holy Grail of LEO Research: Direct Connectivity to Smartphones  
[IEEE Low-Earth Orbit Satellite Systems \(LEO SatS\)](#) “Working in Space Together Workshop”  
10 November 2022 | Virtual

199. Stratospheric Networks of the Future: It is More than Connectivity  
The High Throughput and Secure Networks (HTSN) Challenge Program Seminar  
Virtual Event (Ottawa, Canada), 08 November 2022

198. The Future of Wireless Networks could be in the Clouds [[YouTube](#)]

Video interview [[LinkedIn](#)]

Ottawa Business Journal

Virtual Event (Ottawa), 06 November 2022

197. Stratospheric Networks of the Future: It is More than Connectivity

[Keynote Speech](#)

International Conference on Ubiquitous Networking (UNet'22)

Virtual Event (Montreal), 25 October 2022

196. Wireless Infrastructure of the Future: Integrated Terrestrial-HAPS-LEO Networks

Half-day Tutorial

[27<sup>th</sup> Asia-Pacific Conference on Communications \(APCC 2022\)](#)

Hybrid Event, Jeju Island, South Korea, 20 October 2022

195. 5G ve Ötesi Teknolojiler (5G and Beyond Technologies) [[YouTube](#)]

[Türkiye Açık Kaynak Platformu](#) (Türkiye Open Source Platform) Webinar [[LinkedIn](#)]

Virtual Event (Turkey), 18 October 2022

194. Panel: [6G Think Tank Outcomes – What should Canada do to lead future networks research?](#)

Panelist on Accessibility

IEEE Future Networks World Forum 2022

Hybrid Event, Montreal, Canada, 13 October 2022

193. Integrated Terrestrial-HAPS-Satellite Networks of the Future: Towards A Sustainable ICT Ecosystem

Keynote Speech

[The 10th Annual IEEE International Conference on Wireless for Space and Extreme Environments \(WiSEE 2022\)](#)

Hybrid Event, Winnipeg, Manitoba, Canada, 12-14 October 2022

192. [Integrated Terrestrial-Aerial-Stratospheric-Space Networks of the Future:](#)

Towards A Sustainable ICT Ecosystem

IEEE Consumer Technology Society Seminar

Virtual Event, 05 October 2022

191. 6G ve Sonrası Bilişim Ağlarının Mimarisi Üzerine Ufuk Turu

Webinar

Istanbul Aydın University

Virtual Event (Istanbul, Turkey), 28 September 2022

190. Integrated Terrestrial-HAPS-Satellite Networks of the Future: Towards A Sustainable ICT Ecosystem

Distinguished Seminar Series

Department of Electrical and Computer Engineering, Queen's University

Virtual Event (Kingston, Canada), 23 June 2022

189. Integrated Terrestrial-HAPS-Satellite Networks of the Future: Towards A Sustainable ICT Ecosystem

[1<sup>st</sup> IEEE Workshop on Sustainable and Intelligent Green Internet of Things for 6G and Beyond](#)

[IEEE VTC Spring 2022](#)

Helsinki, Finland, 19 June 2022

188. Integrated Terrestrial-HAPS-Satellite Networks of the Future: Towards A Sustainable ICT Ecosystem

Invited Talk

[The 8th Future of Wireless Technology Workshop: Future of 5G Integrated Non-Terrestrial-Networks \(NTNs\)](#)

Virtual Event (Huawei, Sweden), 01 June 2022

187. Integrated Terrestrial-HAPS-Satellite Networks of the Future: Towards A Sustainable ICT Ecosystem  
[\[YouTube\]](#)  
Carleton Wireless Seminar  
Virtual Event (Carleton University), 31 May 2022
186. 6G NTN  
Invited Talk  
Huawei Future Wireless Research Workshop #8  
Hybrid Event (Toronto, Canada), 25 May 2022
185. Beyond-6G Wireless Infrastructure towards Sustainable and Smart Cities  
Workshop on Integrated UAVs into 5G and Beyond  
IEEE International Conference in Communications (ICC) 2022  
Virtual Event (Seoul, South Korea), 16 May 2022
184. Panel on Public / Private / Academia Collaboration  
HAPS Alliance Member Meeting  
Virtual Event, 14 April 2022
183. Beyond-6G Wireless Infrastructure towards Sustainable and Smart Societies  
Keynote Speech  
[2022 IEEE Summit on Communications Futures](#)  
Virtual Event, 15 January 2022
182. The Art and Science of Publishing in Scholarly Venues – Part II [\[YouTube\]](#)  
Sharing the Research Experience Seminars  
Department of Systems and Computer Engineering, Carleton University  
Virtual Event (Ottawa, Canada), 16 December 2021
181. 6G/B6G HAPS (High Altitude Platform Station) Networks for Integrated Communications, Computing, Sensing, Positioning, ... – Everything  
Keynote Speech  
[Workshop on Emerging Topics in 6G Communications @ IEEE Globecom 2021](#)  
Hybrid Event (In-Person and Virtual Conference), Madrid, Spain, 07 December 2021
180. Wireless Infrastructure of 2040s towards Sustainable and Smart Cities and Societies  
[Keynote Speech](#)  
[CommNet 2021](#)  
Virtual Event, 03 December 2021
179. AI-enabled B6G Wireless Infrastructure for Green and Sustainable Cities & Societies  
Invited Seminar  
Huawei Future Wireless Research Workshop #7  
Virtual Event (Ottawa, Canada), 30 November 2021
178. The Art and Science of Publishing in Scholarly Venues – Part I [\[YouTube\]](#)  
Sharing the Research Experience Seminars  
Department of Systems and Computer Engineering, Carleton University  
Virtual Event (Ottawa, Canada), 12 November 2021
177. Wireless Infrastructure of 2040s towards Green and Smart Societies  
Invited Seminar  
IPM's 40<sup>th</sup> Anniversary Seminar Series  
Macao Technical Institute, Macao, 15 October 2021

176. 23 Years @ Carleton | Research and Other Stuff

Invited Seminar

Department of Systems and Computer Engineering, Carleton University  
Ottawa Canada | virtual event, 01 October 2021

175. [Wireless Access Architecture 2040: Towards a Green ICT Ecosystem](#) [\[YouTube\]](#)

Invited Seminar

IEEE ComSoc "Green Communications & Computing Technical Committee (TCGCC)" and "Machine Learning for Communications Emerging Technology Initiative (ETI-ML)" Joint Seminar  
Virtual Event, 21 September 2021

174. 6G/B6G HAPS Networks: An Evolution with a Revolutionary Impact

Invited Talk

[Looking beyond 5G – Future Technology Trends towards 6G Workshop](#)

ITU-APT Foundation of India (IAFI)

16 September 2021

173. 6G/B6G HAPS (High Altitude Platform Station) Networks for Integrated Communications, Computing, Sensing, Positioning, ... – Everything

Keynote Speech

5<sup>th</sup> Iranian Conference on Communications Engineering ([ICCE 2021](#))

Virtual Event (Shahrood University of Technology, Iran), 15-16 September 2021

172. [6G/B6G HAPS Networks: An Evolution with a Revolutionary Impact](#) [\[YouTube\]](#)

IEEE ComSoc Oregon Virtual Distinguished Lecture

Virtual Event (Oregon, USA), 14 September 2021

171. 6G/B6G HAPS Networks: An Evolution with a Revolutionary Impact [\[YouTube\]](#)

Keynote Speech

[2021–2022 Carleton 6G Workshop #1: HAPS \(High Altitude Platform Station\) Networks](#)

Virtual Event (Ottawa, Canada), 29 July 2020

170. Non-Terrestrial Networks: Key Enabler for the Smart Societies of the Future

[Keynote Speech](#)

[IEEE/CIC International Conference on Communications in China \(ICCC\) 2021](#)

Xiamen, China, 30 July 2020

169. Aerial Networks for Integrated Communications, Sensing, Computing, Navigation, ... – Everything

Invited Seminar

Huawei Future Wireless Research Workshop #6

Virtual Event (Ottawa, Canada), 29-30 June 2021

168. [RSMA for Aerial Networks: Advanced PHY for Advanced RAN](#)

Keynote Speech

Workshop on Rate Splitting Multiple Access @ IEEE ICC 2021

Virtual Event (Montreal, Canada), 18 June 2021

167. Integrated Terrestrial-HAPS-LEO Networks: Key Enabler for the Smart Societies of the Future

Invited Seminar

Macao Technical Institute, Macao, 16 June 2021

166. [Non-Terrestrial Networks \(NTN\): The Next 20 Years](#)

Half-day Tutorial

IEEE International Conference on Communications (ICC) 2021  
Virtual Event (Montreal, Canada), 14 June 2021

165. [Integrated Terrestrial-HAPS-LEO Networks: Key Enabler for the Smart Societies of the Future](#)  
Departmental Seminar  
Department of Electronics Engineering, York University, UK, 09 June 2021

164. [Integrated Terrestrial-Aerial-Satellite Networks: Key Enabler for the Super Smart Cities of the Future](#)  
ComSoc Talks, IEEE Toronto || IEEE Ottawa || IEEE Montreal  
Virtual Event, 27 May 2021

163. Integrated LEO-HAPS Networks: Best of Both Worlds  
Invited Talk  
Unmanned Aircraft Systems (UAS) Connectivity Technical Working Group (TWG) Meeting  
United Nations World Food Programme (UB WFP)  
Virtual Event, 26 May 2021

162. [Integrated Terrestrial-Aerial-Satellite Networks: Key Enabler for the Super Smart Cities of the Future](#)  
Keynote Speech  
5<sup>th</sup> International Conference on Internet of Things and Its Applications  
Virtual Event (Isfahan, Iran), 19 May 2021

161. [Wireless Networks: 5G and Beyond](#)  
Mini-Lecture  
CU at Home (Carleton University)  
Virtual Event (Ottawa, Canada), 18 May 2021

160. Non-Terrestrial Networks (NTN): Opportunities and Progress  
IEEE ComSoc YP Fireside Chats (Mohamed-Slim Alouini and Halim Yanikomeroglu)  
Virtual Event, 18 March 2021

159. Faster-Than-Nyquist (FTN) Signaling [[YouTube](#)]  
Invited Seminar (Ebrahim Bedeer and Halim Yanikomeroglu)  
IEEE ComSoc Full Duplex Emerging Technology Initiative (FD ETI)  
Virtual Event, 05 February 2021

158. High Altitude Platform Station (HAPS) Networks of 2030s [[YouTube](#)]  
Adventures in the SKY Session Invited Talk  
[2021 IEEE Summit on Communications Futures](#) (ComFutures)  
Virtual Event, 16-17 January 2021

157. LEO and HAPS Networks: 2030s Forecast  
Invited Talk  
IEEE ComSoc Satellite and Space Communications Technical Committee Meeting  
Virtual Event, 18 December 2020

156. [Wireless Access Architecture: The Next 20+ Years](#) [[YouTube](#)]  
[Current and Future Trends in 5G/B5G/6G Event](#)  
IEEE Young Professionals Montreal  
Virtual Event (Montreal, Canada), 14 December 2020

155. [Collaboration with Industry – An Academic’s Perspective](#)  
Fireside Chat  
IEEE ComSoc Young Professionals Session

IEEE Global Communications Conference (Globecom) 2020  
Virtual Event (Taipei, Taiwan), 10 December 2020

154. [Information and Communications Technologies and Turkey](#) [[YouTube](#)] [[YouTube](#)]

Invited Seminar  
IEEE Young Professionals Turkey  
Virtual Event (Turkey), 07 December 2020

153. Sharing the Research Experience  
Seminar  
Department of Systems and Computer Engineering, Carleton University  
Virtual Event (Ottawa, Canada), 07 December 2020

152. [Non-Terrestrial Networks \(NTN\): The Next 20 Years](#)  
Half-day Tutorial  
IEEE Global Communications Conference (Globecom) 2020  
Hybrid Event, Taipei, Taiwan, 07-11 December 2020

151. [Wireless Access Architecture: The Next 20+ Years](#)  
Keynote Speech  
ACM 4<sup>th</sup> International Conference on Future Networks and Distributed Systems (ICFNDS) 2020  
Virtual Event (St. Petersburg, Russia), 26 November 2020

150. A Novel HAPS Vision [[YouTube](#)]  
Carleton University Wireless Seminar Series  
Virtual Event (Ottawa, Canada), 02 November 2020

149. A Novel HAPS Vision  
Invited Seminar  
Huawei Wireless Research Advisory Board (WRAB) Workshop #5  
Virtual Event (Ottawa, Canada), 28-29 October 2020

148. Wireless Access Architecture: The Next 20+ Years [[YouTube](#)]  
Departmental Seminar  
Department of Electrical and Electronics Engineering, Hacettepe University  
Virtual Event (Ankara, Turkey), 20 October 2020

147. [Wireless Access Architecture: The Next 20 + Years](#)  
Invited Seminar  
WWRF (Wireless World Research Forum) Online Seminars – The Inaugural Seminar  
Virtual Event, 13 October 2020

146. [Wireless Access Architecture 2020-2040: The Sky's The Limit](#)  
Keynote Speech  
The International Workshop on Drone-Assisted Smart Backhaul Solutions for 5G and Beyond (DroneCom) in conjunction with IEEE Infocom 2020  
Virtual Event (Toronto, Canada), 06 July 2020

145. Wireless Access Architecture: The Next 20+ Years  
Invited Talk  
WWRF (Wireless World Research Forum) Meeting No. 44  
Virtual Event (Copenhagen, Denmark), 01 July 2020

144. Current Research Status and Open Issues on HAPS/UAV

## Invited Seminar

Huawei Wireless Research Advisory Board (WRAB) Workshop #4  
Virtual Event (Ottawa, Canada), 25 June 2020

143. Wireless Networks: A Look into the Next 20 Years  
5G Open Talks Platform, Scientific and Technological Research Council of Turkey (TUBITAK)  
Virtual Event (Istanbul, Turkey), 17 June 2020

142. Non-Terrestrial Networks (NTN) for 6G Ultra-Connectivity  
Keynote Speech  
3rd Workshop on Ultra-high speed, Low latency and Massive Communication for Futuristic 6G Networks ([ULMC6GN](#)) collocated with IEEE International Conference on Communications (ICC) 2020  
Virtual Event (Dublin, Ireland), 11 June 2020

141. Non-Terrestrial Networks (NTN): The Next 20 Years [[YouTube](#)]  
Carleton University Online Wireless Seminars  
Virtual Event (Ottawa, Canada), 04 June 2020

140. [Wireless Access Architecture: The Next 20 Years](#)  
Keynote Speech  
IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom)  
Virtual Event (Odessa, Ukraine), 28 May 2020

139. AI-Driven Personalization in Wireless Networks – Opportunities and Concerns  
Invited Seminar  
Office of the Privacy Commissioner Canada  
Gatineau, Quebec, Canada, 26 February 2020

138. [Artificial Intelligence Enabled Integrated Aerial/Terrestrial Wireless Access Networks for 2030s](#)  
Half-day Tutorial (with Dr. Haris Gacanin, Department Head, Nokia Bell Labs, Belgium)  
IEEE Global Communications Conference (Globecom) 2019  
Waikoloa, HI, USA, 09 December 2019

137. [Wireless Access Architecture: The Next 20+ Years](#)  
Invited Seminar  
Department of Electrical and Computer Engineering, University of Rochester  
Rochester, New York, USA, 04 December 2019

136. Big Data and AI-driven Framework to Enable Personalization in Wireless Networks  
Invited Speaker  
[Ottawa Artificial Intelligence Alliance Second Annual Workshop](#)  
National Research Council Canada (NRC), Ottawa, Ontario, Canada, 28 November 2019

135. Digital 2030: The Future of Artificial Intelligence Panel  
Panelist  
Royal Society of Canada Celebration of Excellence and Engagement ([COEE 2019](#)) Symposium  
Fairmont Chateau Laurier Hotel, Ottawa, Ontario, Canada, 21 November 2019

134. Wireless Access Architecture: The Next 20 Years  
Seminar  
Carleton Wireless Seminar Series  
Carleton University, Ottawa, Ontario, Canada, 15 November 2019

133. Wireless Access Architecture: New Horizons

Invited Seminar

Huawei Wireless Research Advisory Board (WRAB) Workshop #3  
Stittsville, Ontario, Canada, 13 November 2019

132. [Predictions for the 6G Networks of 2030s based on the 4G and 5G Experience](#)

Keynote Speech

The 57<sup>th</sup> IEEE 5G Summit – Sheridan  
Brampton, Ontario, Canada, 22 October 2019

131. [A Disruptive Wireless Access Architecture for 6G Networks of 2030s](#)

Keynote Speech

Integrated Ground-Air-Space Borne Communications (IGASC) Workshop  
IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE) 2019  
Ottawa, Ontario, Canada, 17 October 2019

130. [360° View of Innovative Mission Critical Mobile Applications APIs](#)

Panel Chair

IEEE PIMRC 2019  
Istanbul, Turkey, 10 September 2019

129. [Views on 6G Networks of the 2030s](#)

Executive Panel Chair

IEEE PIMRC 2019  
Istanbul, Turkey, 09 September 2019

128. [A Disruptive Wireless Access Architecture for 6G Networks of 2030s](#)

Keynote Speech

IEEE 5G Toronto Summit 2019  
Toronto, Ontario, Canada, 09 August 2019

127. [Integrated Aerial/Terrestrial 6G Networks for 2030s](#)

Half-day Tutorial

IEEE International Conference on Communications (ICC) 2019  
Shanghai, China, 24 May 2019

126. DDINS Workshop Panel at IEEE ICC 2019

Panelist

Shanghai, China, 20 May 2019

125. [AI & Data Analytics in Intelligent, Adaptive, and Efficient 6G Networks of 2030s](#)

Keynote Speech

1<sup>st</sup> International Workshop on Data Driven Intelligence for Networks and Systems (DDINS) at IEEE ICC 2019  
Shanghai, China, 20 May 2019

124. Thoughts on Beyond 5G

Invited Seminar

Turkcell Technology  
Istanbul, Turkey, 26 April 2019

123. [Integrated Space/Aerial/Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity in 2030s](#)

Keynote Speech

IEEE 27<sup>th</sup> Signal Processing and Communications Applications Conference (SIU) 2019  
Sivas, Turkey, 24 April 2019

122. [Integrated Aerial/Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity in 2030s](#)  
Half-day Tutorial  
IEEE Wireless Communications & Networking Conference (WCNC) 2019  
Marrakech, Morocco, 15 April 2019
121. Personalized Application Delivery in Intelligent, Adaptive, and Efficient 6G Networks  
Panel: What will be on the Agenda for Data Day 16.0?  
[Carleton University Data Day 6.0](#)  
Ottawa, Ontario, Canada, 26 March 2019
120. Integrated Space/Aerial/Terrestrial 6G Networks in 2030s for Ubiquitous 3D Super-Connectivity  
Invited Seminar  
MDA Corporation  
Montreal, Quebec, Canada, 26 February 2019
119. Connected and Autonomous Aerial Networks in 2030s for Ubiquitous 3D Super-Connectivity  
Carleton 6G Workshops #2: Connected and Autonomous Aerial Networks  
Ottawa, Ontario, Canada, 07 February 2019
118. [Integrated Aerial/Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity in 2030s](#)  
Half-day Tutorial  
IEEE Consumer Communications & Networking Conference (CCNC) 2019  
Las Vegas, Nevada, USA, 14 January 2019
117. Thoughts on 6G  
Keynote Speech  
6G-PHY-Fest  
Carleton University 6G Workshop  
Ottawa, Canada, 18 December 2018
116. [Airborne Communication Networks](#)  
Keynote Speech  
IEEE Globecom 2018 Wi-UAV – 9<sup>th</sup> International Workshop on Wireless Networking and Control for  
Unmanned Autonomous Vehicles  
Abu Dhabi, UAE, 09 December 2018
115. [Integrated Terrestrial/Aerial 6G Networks for Ubiquitous 3D Super-Connectivity in 2030s](#)  
[IEEE Distinguished Lecture](#)  
IEEE Communications Society (ComSoc) Toronto Chapter  
University of Toronto  
Toronto, Ontario, Canada, 06 December 2018
114. [6G Networks for Ubiquitous Super-Connectivity](#)  
IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Jordan Chapter  
Princess Sumaya University of Technology (PSUT)  
Amman, Jordan, 21 November 2018
113. 6G Networks for Ubiquitous Super-Connectivity [\[Part1\]](#) [\[Part2\]](#)  
IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Jordan Chapter  
Jordan Engineers Association (JEA)  
Amman, Jordan, 21 November 2018

112. 6G Networks for Ubiquitous Super-Connectivity  
IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Jordan Chapter  
Jordan University of Science and Technology (JUST)  
Irbid, Jordan, 21 November 2018
111. Key Enablers in Research and Innovation  
Research and Innovation in the Information Age Panel  
Panelist  
The First Annual IEEE Jordan ComSoc Congress (JCSC) 2018  
Amman, Jordan, 20 November 2018
110. [6G Networks for Ubiquitous Super-Connectivity](#)  
Keynote Speech  
The First Annual IEEE Jordan ComSoc Congress (JCSC) 2018  
Amman, Jordan, 20 November 2018
109. [Integrated Terrestrial/Aerial 6G Networks for Ubiquitous 3D Super-Connectivity in 2030s](#)  
IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Kingston Chapter  
Queen's University  
Kingston, Ontario, Canada, 13 November 2018
108. Integrated Terrestrial/Non-Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity  
Keynote Speech  
[5G Summit R&D Russia](#)  
[The 10<sup>th</sup> International Congress on Ultra Modern Telecommunications and Control Systems](#)  
Moscow, Russia, 05 November 2018
107. 5G Wireless and Beyond Panel  
Panel speaker  
21<sup>st</sup> ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWIM)  
Montreal, Canada, 30 October 2018
106. Integrated Terrestrial/Non-Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity  
Keynote Speaker  
21<sup>st</sup> ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWIM)  
Montreal, Canada, 30 October 2018
105. Integrated Terrestrial/Non-Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity  
Invited Seminar (videoconference)  
Intel, USA  
02 October 2018
104. Five Paradigms in ICT  
Wireless Seminar Series  
Carleton University  
Ottawa, Canada, 23 July 2018
103. [Integrated Terrestrial/Non-Terrestrial 6G Networks for Ubiquitous 3D Super-Connectivity](#)  
IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Australian Capital Territory (ACT) Chapter

Australian National University  
Canberra, ACT, Australia, 09 July 2018

102. Integrated Terrestrial/Non-Terrestrial Super Networks of the Future for Ubiquitous High Rate Connectivity

Huawei Wireless Research Advisory Board Inaugural Meeting #1  
Ottawa, Canada, 01 May 2018

101. Introduction to Research & Publishing: Part II  
Wireless Seminar Series  
Carleton University  
Ottawa, Canada, 11 April 2018

100. Autonomous & Connected Vehicles: C-V2X: 4G → 5G → 6G  
Panelist @ Charting AV/CV Technology Opportunities and Challenges Panel  
Ottawa AV Summit 2018  
Ottawa, Canada, 04 April 2018

99. Introduction to Research & Publishing: Part I  
Wireless Seminar Series  
Carleton University  
Ottawa, Canada, 21 March 2018

98. Non-Terrestrial Networks  
Invited Seminar  
Communications Research Centre Canada  
Ottawa, Canada, 27 February 2018

97. CAN-UAVs 2030 – Connected, Autonomous, Networked UAVs towards 2030s  
4<sup>th</sup> Carleton Informal Workshop on Non-Terrestrial Networks  
Plenary Speech  
Ottawa, Canada, 20 December 2017

96. [5G and Beyond Wireless Networks: Emerging Concepts and Technologies](#)  
Half-day Tutorial  
IEEE Globecom 2017  
Singapore, 04 December 2017

95. [5G Wireless Technologies](#)  
Carleton University Faculty of Engineering and Design Ingenious Talks  
Ottawa, Canada, 01 November 2017

94. [Ultra-Agile Infrastructure for Ultra-Fast Connectivity](#)  
Keynote Speech  
IEEE VTC2017-Fall Workshop on Next-Generation Backhaul/Fronthaul Networks (BackNets)  
Toronto, Canada, 24 September 2017

93. [Ultra-Agile Infrastructure for Ultra-Fast Connectivity](#)  
Keynote Speech  
IEEE ICC 2017 Workshop on Flexible Networks (FlexNets)  
Paris, France, 21 May 2017

92. [5G is Just Around the Corner; So What is Next?](#)  
Keynote Speech

IEEE 25<sup>th</sup> Signal Processing and Communications Applications Conference (SIU) 2017  
Antalya, Turkey, 17 May 2017

91. Views on 5G  
Panel Speaker  
IEEE 5G Summit Casablanca  
Casablanca, Morocco, 11 May 2017

90. [5G is Just Around the Corner; So What is Next?](#)  
Keynote Speech  
The Third International Symposium on Ubiquitous Networking (UNET) 2017  
Casablanca, Morocco, 10 May 2017

89. [IMT-2020 Evaluation Process](#)  
Invited Talk  
WWRF (World Wireless Research Forum) Meeting #37  
Kassel, Germany, 06 October 2016

88. [The IoE Revolution and 5G+](#)  
Invited Talk  
WWRF Workshop on Wireless Technologies & Applications for the Internet of Everything  
IEEE Vehicular Technology Conference (VTC) 2016-Fall  
Montreal, Quebec, Canada, 19 September 2016

87. A Realist's Views on 5G and Beyond  
Invited Talk  
5G Core Network Summit  
Ankara, Turkey, 15 June 2016

86. [Emerging Concepts and Technologies towards 5G+ Wireless Networks](#)  
Half-day Tutorial  
IEEE International Conference on Communications (ICC) 2016  
Kuala Lumpur, Malaysia, 27 May 2016

85. [Emerging Concepts and Technologies towards 5G+ Wireless Networks](#)  
IEEE Distinguished Lecture  
IEEE Malaysia ComSoc/VTS Joint Chapter  
Universiti Putra Malaysia  
Serdang, Malaysia, 27 May 2016

84. 5G and Beyond Wireless Networks: Emerging Concepts and Technologies  
Invited Seminar  
Spectrum, Information Technologies and Telecommunications Sector (SITT)  
Innovation, Science and Economic Development Canada  
Ottawa, ON, Canada, 19 April 2016

83. From Shannon's Information Theory to the Information Age  
[The Shannon Conference \(Claude Shannon Centenary 2016\)](#)  
Ottawa, ON, Canada, 15 April 2016

82. Roadmap to 5G and Beyond: Global Perspectives  
Panel Talk  
Executive Panel at IEEE Wireless Communications and Networking Conference (WCNC) 2016  
Doha, Qatar, 04 April 2016

81. [Promising PHY Research Directions for 5G+ Wireless](#)

Keynote Speech

IEEE WCNC 2016 Workshop on Novel Waveform and MAC Design for 5G

Doha, Qatar, 03 April 2016

80. [Emerging Concepts and Technologies towards 5G+ Wireless Networks](#)

Half-day Tutorial

IEEE Wireless Communications and Networking Conference (WCNC)

Doha, Qatar, 03 April 2016

79. Promising Research Directions for 5G+ Wireless Networks

Tampere University of Technology, Invited Seminar

Tampere, Finland, 20 February 2016

78. [Emerging Concepts and Technologies towards 5G+ Wireless Networks](#)

Half-day Industry Tutorial

IEEE Global Communications Conference (Globecom) 2015

San Diego, CA, USA, 10 December 2015

77. The Wireless HetHetNets Framework and Some Remarks about 4G, 5G, and 6G

Panel Talk

IEEE 5G Summit Toronto

Toronto, ON, Canada, 14 November 2015

76. [The HetHetNets Framework for 5G+ Wireless Networks: Highly Heterogeneous Traffic, Unprecedented Congestion, and Novel Solutions](#)

Invited Talk

Wireless World Research Forum, 35<sup>th</sup> Meeting (WWRF35)

Copenhagen, Denmark, 16 October 2015

75. [5G+ Wireless Networks: Roadmap and Enabling Technologies](#)

Half-day tutorial

IEEE Vehicular Technology Conference (VTC2015-Fall)

Boston, MA, USA, 06 September 2015

74. 5G+ Wireless Networks: Roadmap and Enabling Technologies

Invited Seminar

Bilkent University

Ankara, Turkey, 13 July 2015

73. [5G+ Wireless Networks: Roadmap and Enabling Technologies](#)

IEEE Distinguished Lecture

IEEE Communications Society Turkey Chapter

Hacettepe University

Ankara, Turkey, 30 June 2015

72. [Emerging Concepts and Technologies towards 5G Wireless Networks](#)

Half-day Tutorial

IEEE International Conference on Communications (ICC) 2015

London, UK, 12 June 2015

71. [Some Emerging Concepts and Technologies on 5G+ Wireless Networks](#)

IEEE Distinguished Lecture

IEEE Communications Society (ComSoc) Montreal Chapter  
Montreal, Quebec, Canada, 03 June 2015

70. [The 5G+ HetHetNets Paradigm: Spatially Heterogeneous Traffic in Heterogeneous Cognitive Networks](#)  
Wireless Research Group Seminar  
Carleton University  
Ottawa, Ontario, Canada, 25 May 2015

69. 5G Wireless  
Foxconn EBO Visit to Carleton University  
Ottawa, Ontario, Canada, 05 May 2015

68. [The 5G+ HetHetNets Paradigm: Spatially Heterogeneous Traffic in Heterogeneous Cognitive Networks](#)  
Keynote Speech  
EAI 10th International Conference on Cognitive Radio Oriented Wireless Networks (CROWNCOM)  
Doha, Qatar, 22 April 2015

67. [HetHetNets: Spatially Heterogeneous Traffic in Heterogeneous 5G+ Wireless Networks](#)  
Keynote Speech  
Argela Workshop on “SDN, NFV, Cloud RAN & Other Enabling Technologies on the Path towards 5G”  
Istanbul, Turkey, 31 March 2015

66. [HetHetNets: Spatially Heterogeneous Traffic in Heterogeneous Wireless Networks](#)  
Invited Seminar  
Huawei Canada R&D Centre  
Ottawa, Ontario, Canada, 05 March 2015

65. [HetHetNets: Spatially Heterogeneous Traffic in Heterogeneous Wireless Networks](#)  
Keynote Speech  
NICT Japan-US Network Opportunity (JUNO) Workshop: Future Energy- and Spectral-Efficient Ultra-Dense Networks  
Tohoku University  
Sendai, Japan, 24 February 2015

64. [5G+ Wireless Networks: Some Emerging Concepts and Technologies](#)  
Invited Seminar  
King Abdullah University of Science and Technology  
Thuwal, Makkah Province, Saudi Arabia, 03 February 2015

63. [Emerging Concepts and Technologies towards 5G Wireless Networks](#)  
Invited Seminar  
Allen Vanguard  
Ottawa, Ontario, Canada, 21 January 2015

62. [Emerging Concepts and Technologies towards 5G Wireless Networks](#)  
IEEE Distinguished Lecture  
IEEE Vehicular Technology, Communications and Information Theory, and Signal Processing Societies  
Montreal Chapter  
McGill University  
Montreal, Quebec, Canada, 18 December 2014

61. [Emerging Concepts and Technologies towards 5G Wireless Networks](#)  
Half-day Tutorial  
IEEE Global Communications Conference (Globecom) 2014

Austin, Texas, USA, 12 December 2014

60. [Emerging Concepts and Technologies towards 5G Wireless Networks](#)

IEEE Distinguished Lecture  
IEEE Communications Society Kingston Section  
Queen's University  
Kingston, Ontario, Canada, 27 March 2014

59. Towards 5G Networks

Keynote Speech  
3<sup>rd</sup> Defence, Security, and Information Technologies Inter-Industry Cooperation Conference  
Istanbul, Turkey, 06 March 2014

58. [Emerging Concepts and Technologies for 5G Wireless Networks](#)

IEEE Distinguished Lecture  
IEEE Vehicular Technology Society (VTS) Vancouver Chapter  
University of British Columbia  
Vancouver, BC, Canada, 24 February 2014

57. [Moving Forward in Wireless: Emerging Concepts & Technologies for Beyond-2020 Cellular Networks](#)

Half-day tutorial  
IEEE Global Communications Conference (Globecom) 2013  
Atlanta, Georgia, USA, 13 December 2013

56. A Fresh Look into a Classical Topic: Signal Constellation Design in Advanced Wireless Network Architectures

Invited Talk  
Huawei 5G Workshop  
Ottawa, Canada, 14 November 2013

55. Emerging Concepts and Technologies for 5G Wireless Networks

Invited Talk  
AveaLabs Innovation Days Seminar  
Istanbul, Turkey, 25 July 2013

54. [Emerging Concepts and Technologies for 5G Wireless Networks](#)

Invited Seminar  
Hacettepe University  
Ankara, Turkey, 24 July 2013

53. [Moving Forward in Wireless: Emerging Concepts & Technologies for Beyond-2020 Cellular Networks](#)

Half-day Tutorial  
IEEE International Conference on Communications (ICC) 2013  
Budapest, Hungary, 13 June 2013

52. Moving Forward in Wireless: Emerging Concepts & Technologies for Beyond-2020 Cellular Networks

IEEE Distinguished Lecture  
IEEE Communications Society (ComSoc) Kitchener-Waterloo Chapter  
University of Waterloo  
Waterloo, Ontario, Canada, 03 May 2013

51. Moving Forward in Wireless: Emerging Concepts & Technologies for Beyond-2020 Cellular Networks

Invited Seminar  
Defence Research and Development Canada (DRDC)

Ottawa, 25 April 2013

50. [Moving Forward in Wireless: Emerging Concepts & Technologies for Beyond-2020 Cellular Networks](#)

Cornell University Information Systems and Networks Invited Lecture  
Ithaca, New York, USA, 03 April 2013

49. Important Problems and Some Thoughts Towards Their Solutions in Beyond-2020 Wireless Networks  
Invited Seminar

Telus, Technology Strategy and Operations  
Toronto, Ontario, Canada, 28 February 2013

48. Moving Forward in Cellular: 5G Networks

Invited Seminar  
Telus Technology Summit 2013  
Toronto, Ontario, Canada, 28 February 2013

47. Emerging Research Direction in Wireless

Invited Seminar  
Huawei Canada R&D Centre  
Ottawa, Ontario, Canada, 15 February 2013

46. Important Problems and Some Thoughts Towards Their Solutions in Beyond-2020 Wireless Networks:  
Radio Access Network Architectures, Layer-1, and Layer-2

Invited Seminar  
Research In Motion, Advanced Technology Group  
Ottawa, Ontario, Canada, 13 December 2012

45. Important Problems and Some Thoughts Towards Their Solutions in Beyond-2020 Wireless Networks:  
Radio Access Network Architectures, Layer-1, and Layer-2

Invited Talk  
Wireless World Research Forum Meeting 29 (WWRF29), Wireless World 2020 Workshop  
Berlin, Germany, 24 October 2012

44. The WINNER Experience

Invited Talk  
ERA-CAN (European Research Area & Canada) Framework Program 7, Info Session  
Carleton University  
Ottawa, Ontario, Canada, 06 November 2012

43. [Moving Towards 5<sup>th</sup> Generation Wireless Cellular Networks: Emerging Concepts and Trends](#)

Keynote Speech  
International Conference on Electrical and Computer Systems (ICECS), Keynote Speech  
Ottawa, Ontario, Canada, 22 August 2012

42. Important Problems and Some Thoughts Towards Their Solutions in Beyond-2020 Wireless Networks:  
Radio Access Network Architectures, Layer-1, and Layer-2

Invited Talk  
Huawei University Day Workshop  
Huawei Canada Research Centre  
Ottawa, Ontario, Canada, 28 August 2012

41. Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond 4G Networks

Invited Seminar  
Istanbul Technical University, Electronics & Communications Engineering Department

Istanbul, Turkey, 10 July 2012

40. Tips to Graduate Students:

Conducting Quality Research and On the Art and Science of Publishing in Scholarly Periodicals

Invited Seminar

Istanbul Technical University, Electronics & Communications Engineering Department

Istanbul, Turkey, 10 July 2012

39. Cooperation: A Key Feature of Oncoming Cellular Systems

Keynote Speech

Future Networks & Mobile Summit 2012, IC1004 Cooperative Radio Communications Workshop

Berlin, Germany, 04 July 2012

38. Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond 4G Networks

Invited Seminar

Polytechnic University of Valencia, Institute of Telecommunications and Multimedia Applications (iTEAM)

Valencia, Spain, 31 May 2012

37. Tips to Graduate Students:

Conducting Quality Research and On the Art and Science of Publishing in Scholarly Periodicals

Invited Seminar

Polytechnic University of Valencia, Institute of Telecommunications and Multimedia Applications (iTEAM)

Valencia, Spain, 31 May 2012

36. Interdisciplinary Research in Engineering:

Its Importance, Mechanisms to Facilitate it, and its Impact on Engineering Education

Invited Seminars

TOBB University of Economy and Technology

Ankara, Turkey, 23 May 2012

35. Tips to Graduate Students:

Conducting Quality Research and On the Art and Science of Publishing in Scholarly Periodicals

Invited Seminars

King Saud University (KSU), Department of Electrical Engineering

Riyadh, Saudi Arabia, 15 May 2012

34. Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond 4G Networks

Invited Seminars

King Saud University (KSU), Department of Electrical Engineering

Riyadh, Saudi Arabia, 14 May 2012

33. Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond 4G Networks

Invited Seminars

Saudi Telecom Society

Riyadh, Saudi Arabia, 14 May 2012

32. 4G and Beyond-4G Wireless Networks

2-Day Short Course

Saudi Telecom Company (STC)

Riyadh, Saudi Arabia, 12 & 13 May 2012

31. Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond 4G Networks

Invited Seminar

King Fahd University of Petroleum & Minerals (KFUPM), Department of Electrical Engineering  
Dhahran, Saudi Arabia, 09 May 2012

30. Tips to Graduate Students:

Conducting Quality Research and On the Art and Science of Publishing in Scholarly Periodicals  
Invited Seminar

King Fahd University of Petroleum & Minerals (KFUPM), Department of Electrical Engineering  
Dhahran, Saudi Arabia, 09 May 2012

29. Interdisciplinary Research in Engineering:

Its Importance, Mechanisms to Facilitate it, and its Impact on Engineering Education  
Panel Talk

The 5th Engineering and Technology Symposium  
Cankaya University  
Ankara, Turkey, 26 April 2012

28. Moving Towards 5th Generation Wireless Cellular Networks: Emerging Concepts and Trends  
Tutorial

20th IEEE Signal Processing and Communications Applications Conference  
Fethiye, Mugla, Turkey, 18 April 2012

27. On the Art and Science of Publishing in Scholarly Periodicals: Tips to Graduate Students

Invited Seminar

TOBB University of Economy and Technology  
Ankara, Turkey, 15 February 2012

26. Emerging Concepts and Trends in Wireless Communications Technologies and Education

Invited Talk

Aselsan Communications Technologies Workshop (Aselsan Haberlesme ve Bilgi Teknolojileri Calistayi)  
Ankara, Turkey, 13–14 October 2011

RECORDS NOT AVAILABLE: May – October 2011

25. Emerging Concepts and Technologies for Beyond-4G Wireless Cellular Networks for Broadband  
Connectivity

Invited Talk

IEEE 19<sup>th</sup> Signal Processing and Communications Applications Conference (SIU) 2011  
Antalya, Turkey, 20–22 April 2011

24. Emerging Concepts and Technologies for Beyond-4G Wireless Cellular Networks for Broadband  
Connectivity

Invited Seminar

Hughes

Germantown, Maryland, USA, 14 March 2011

23. Emerging Concepts and Technologies for Beyond-4G Wireless Cellular Networks for Broadband  
Connectivity

Distinguished Speaker Seminar Series

School of Computing, Queen's University  
Kingston, Ontario, Canada, 20 January 2011

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22. Cooperation is not Limited to Physical Layer: Distributive Networks with Cross-Layer and Across Network Cooperation and Coordination  
Invited Seminar  
Seminar Series on Signal Processing and Communications  
Hacettepe University  
Ankara, Turkey, 30 July 2010
21. Cooperation is not Limited to Physical Layer: Distributive Networks with Cross-Layer and Across Network Cooperation and Coordination  
Invited Seminar  
Huawei Canada Research Centre  
Ottawa, Ontario, Canada, 11 June 2010
20. Cooperation is not Limited to Physical Layer: Distributive Networks with Cross-Layer and Across Network Cooperation and Coordination  
Panel Talk  
MIMO versus Cooperation Panel, IEEE Vehicular Technology Conference (VTC2010-Spring)  
Taipei, Taiwan, 19 May 2010
19. The Building Blocks of the 5th Generation (5G) Wireless Networks for Affordable and Ubiquitous Broadband Connectivity  
Plenary Speech  
17th International Conference on Telecommunications (ICT 2010)  
Doha, Qatar, 05 April 2010
18. The Building Blocks of the 5th Generation (5G) Wireless Networks for Affordable and Ubiquitous Broadband Connectivity  
Plenary Speech  
International Conference on Communication Technologies (ICCT 2010)  
Riyadh, Saudi Arabia, 20 January 2010
17. The Building Blocks of the 5th Generation (5G) Wireless Networks for Affordable and Ubiquitous Broadband Connectivity  
Invited Seminar  
RIM (Research In Motion), Advanced Technology Lab  
Ottawa, Ontario, Canada, 18 November 2009
16. The Building Blocks of the 5th Generation (5G) Wireless Networks for Affordable and Ubiquitous Broadband Connectivity  
Seminar Talk, Defence Research & Development Canada (DRDC), Ottawa, Canada, 15 October 2009
15. Radio Access Network (RAN) Architectures and Radio Resource Management Techniques for Beyond-4G Wireless Networks  
Invited Seminar  
Royal Institute of Technology (KTH)  
Stockholm, Sweden, 12 June 2009
14. Broadband Wireless Connectivity: Right of Every Citizen"  
Invited Seminar  
Industry Canada, Spectrum Engineering  
Ottawa, Canada, 06 May 2009

13. Mesh Based Radio Access Network Architectures for Beyond-4G Wireless Networks

Invited Seminar

RIM (Research In Motion)

Kitchener/Waterloo, Canada, 21 November 2008

12. Wireless Research

Invited Seminar

Industry Canada

Ottawa, Canada, 23 October 2008

11. Essential Components of Next-G Wireless: Advanced Radio Access Network and Advanced Radio

Resource Management with Cross-Layer and Across Network Design

Panel Talk

Cross-Layer Design Panel, World Wireless Research Forum, Meeting #20

Ottawa, Ontario, Canada, 22 April 2008

10. An Overview of Radio Resource Management Techniques

Invited Seminar

Communications Research Centre of Canada (CRC)

Ottawa, Ontario, Canada, 27 March 2008

9. Wireless Multihop, Relay, Mesh Networks and Cooperative Communications: Fundamental Dynamics and Some Emerging Lines of Research

Invited Seminar

Yonsei University

Seoul, Korea, 29 August 2007

8. Cooperative Strategies for Future Wireless Communication Systems: A Critical View

Executive Panel Talk

IEEE International Conference on Communications (ICC) 2006

Istanbul, Turkey, 13 June 2006

7. Nortel Networks - Carleton University Collaboration on Multihop/Relay/Mesh Networks

Invited Talk

Nortel Networks - Wireless Forum XV

Ottawa, Ontario, Canada, 09 November 2006

6. Nortel Networks - Carleton University Collaboration on Multihop/Relay/Mesh Networks

Invited Talk

Nortel Networks - Wireless Forum XIV

Ottawa, Ontario, Canada, 09 September 2005

5. Infrastructure-Based Wireless Relay, Mesh, Multihop Networks

Invited Seminar

Enabling Technologies for 4G, Samsung Electronics, IT Center

Suwon, Korea, 16 May 2005

4. Infrastructure-Based Relay/Mesh/Multihop Networks

Invited Talk

Wireless Industry Congress (WIC'04)

Ottawa, Ontario, Canada, 18-19 October 2004

3. Cellular Multihop Communications: Infrastructure-Based Relay Network Architecture for 4G Wireless Systems

Invited Talk

Queen's University 22nd Biennial Symposium on Communications (QBSC'04)

Kingston, Ontario, Canada, 01 June 2004