Curriculum Vitae

Majed HADDAD

Majed HADDAD
339, Chemin des Meinajaries,
CERI/LIA, Agroparc BP 1228, Avignon

Tel : +33 (0) 4 90 84 35 39
E-mail : majed.haddad@univ-avignon.fr
Web : https://sites.google.com/view/haddadmajed
HAL : http://cv.archives-ouvertes.fr/majed-haddad
Google Scholar : https://scholar.google.fr/citations?user=PRmews8AAAAJ&hl=fr

Education

2021 :	Habilitation à Diriger des Recherches (HDR), Avignon Université.
2005-2008 :	Ph.D. Thesis at Mobile Communications department, Eurécom Institute, France.
2004-2005 :	Master at the University of Nice Sophia-Antipolis (Nice, France) and Telecom Paris-Tech (Paris, France).
2001-2004 :	Postgraduate studies at the National Engineering Tunisian School (ENIT), Tunis, Tunisia.

Work Experience

2014-present :	Assistant professor at Laboratoire Informatique d'Avignon (LIA), France.
2012-2014 :	Research engineer at the common lab INRIA – Alcatel-Lucent Bell Labs.
2011-2012 :	Teaching and research assistant (ATER) at the University of Avignon, France.
2010-2011 :	Post-doctoral researcher at Maestro team, INRIA Sophia-Antipolis, France.
2009-2010 :	Post-doctoral Research Assistant at Orange-Labs, France.
2005-2008 :	Teaching assistant at Eurécom Institute, France.

List of Publications

Journal papers

19. Karidja Dominique Christelle Adje, Asma Ben Letaifa, Majed Haddad and Oussama Habachi, "Smart City Based on Open Data : A Survey", in IEEE Access, vol. 11, pp. 56726-56748, 2023.

18. Piotr Wiecek, Oussama Habachi and Majed Haddad, "To lie or not to lie in non-cooperative user-centric networks : Is lying worth it ?", in IEEE Transactions on Network and Service Management (TNSM), vol. 20, no. 3, pp. 3443-3459, Sept. 2023.

17. Muhammad Nauman Qureshi, Muhammad Khalil Shahid, Moazzam Islam Tiwana, Majed Haddad, Irfan Ahmed and Tarig Faisal, "Neural Networks for Energy-Efficient Self Optimization of eNodeB Antenna Tilt in 5G Mobile Network Environments", in IEEE Access, vol. 10, pp. 61678-61694, 2022.

16. Imen Triki, Rachid El-Azouzi and Majed Haddad, "NEWCAST : Joint Resource Management and QoE-driven Optimization for Mobile Video Streaming", IEEE Transactions on Network and Service Management, vol. 17, no. 2, June 2020.

15. Veeraruna Kavitha, Manu K. Gupta, Véronique Capdevielle, Rahul Kishor and Majed Haddad, "Speed based optimal power control in small cell networks", Elsevier Computer Communications, vol. 142-143, pp. 48-61, June 2019.

14. Muhammed Nauman Qureshi, Moazzam Islam Tiwana and Majed Haddad, "Distributed self optimization techniques for heterogeneous network environments using active antenna tilt systems", Springer Telecommunication Systems, vol. 70, no. 3, pp. 379-389, March 2018.

13. Moulay Abdellatif Lmater, Majed Haddad, Abdelillah Karouit and Abdelkrim Haqiq, "Smart Jamming Attacks in Wireless Networks During a Transmission Cycle : Stackelberg Game with Hierarchical Learning Solution", International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 9, No. 4, 2018.

12. Moulay Abdellatif Lmater, Majed Haddad, Abdelillah Karouit and Abdelkrim Haqiq, "Several Jamming Attacks in Wireless Networks : A Game Theory Approach", International Journal of Advanced Computer Science and Applications (IJACSA), vol. 10, no. 2, 2019.

11. Jie Li, Jinsong Wu, Perikli Chatzimisios, Majed Haddad and Kun Yang, "IEEE Access Special Section Editorial : Special Section on Big Data for Green Communications and Computing", in IEEE Access, vol. 4, pp. 9542-9544, 2016.

10. Majed Haddad, Piotr Wiecek, Oussama Habachi and Yezekael Hayel, "On the Two-user Multi-carrier Joint Channel Selection and Power Control Game", in IEEE Transactions on Communications, vol. 64, no. 9, pp. 3759 - 3770, Sept. 2016.

9. Majed Haddad, Piotr Wiecek, Habib Sidi and Eitan Altman, "An Automated Dynamic Offset for Network Selection in Heterogeneous Networks", in IEEE Transactions on Mobile Computing, vol. 15, no. 9, pp. 2151-2164, Oct. 2015.

8. Majed Haddad, Yezekael Hayel and Oussama Habachi, "Spectrum Coordination in Energy Efficient Cognitive Radio Networks", in IEEE Transactions on Vehicular Technology, vol. 64, no. 5, pp. 2112-2122, May 2015.

7. Majed Haddad, Oussama Habachi, Piotr Wiecek and Yezekael Hayel, "Spectral Efficiency of Energy Efficient Multi-carrier Systems", in ACM SIGMETRICS Performance Evaluation Review, vol. 42, no. 2, pp. 24-26, Sept. 2014.

6. Yuedong Xu, Eitan Altman, Rachid El-Azouzi, Majed Haddad, Salaheddine Elayoubi and Tania Jimenez, "Analysis of Buffer Starvation with Application to Objective QoE Optimization of Streaming Services", in IEEE Trans. on Multimedia, vol. 16, no. 3, pp. 813-827, Apr. 2014.

5. Majed Haddad, Eitan Altman, Dieter Fiems and Julien Gaillard, "Paradoxes in Semi-Dynamic Evolutionary Power Control Game : When Intuition Fools You!", in IEEE Transactions on Wireless Communications, vol. 12, no. 11, pp. 5728-5739, Nov. 2013.

4. Habib Sidi, Rachid El-Azouzi and Majed Haddad, "A two-stage game theoretic approach for self-organizing networks", in EURASIP Journal on Wireless Communications and Networking, vol. 2013, no. 1, pp. 119, May 2013.

3. Majed Haddad, Salah Eddine Elayoubi, Eitan Altman and Zwi Altman, "A Hybrid Approach for Radio Resource Management in Heterogeneous Cognitive Networks", IEEE Journal on Selected Areas in Communications Special Issue on Advances in Cognitive Radio Networking and Communications (JSAC), vol. 29, no. 4, pp. 831-842, April 2011.

2. Majed Haddad, Aawatif Menouni Hayar and Mérouane Debbah, "Spectral Efficiency of Spectrum Pooling Systems", IET Special Issue on Cognitive Spectrum Access, Vol. 2, No. 6, pp. 733-741, July 2008.

1. Bassem Zayen, Majed Haddad, Aawatif Menouni Hayar and Geir E. Øien, "Binary Power Allocation for Cognitive Radio Networks with Centralized and Distributed User Selection Strategies", Elsevier Physical Communication journal, vol. 1, no. 3, pp 183-193, Sept. 2008.

Conference papers

60. Basharat Rashid, Majed Haddad and Shahid Mehraj Shah, "Bayesian Game Formulation of Power Allocation in Multiple Access Wiretap Channel with Incomplete CSI", in the 30th National Conference on Communications (NCC), Madras, India, Feb. 2024.

59. Karidja Dominique Christelle Adje, Oussama Habachi, Asma Ben Letaifa and Majed Haddad, "Smart City Development Through Collective Intelligence Based on Blockchain-IPFS-Data Analytics", The 2023 International Conference on Ubiquitous Networking, Clermont-Ferrand, France, Nov. 2023.

58. Shahid Mehraj Shah, Faraz Nassar, Azam Iftikhar, Majed Haddad and Mohammed Zafar Ali Khan, "Deep Neural Network based secure-energy efficient power allocation in an Interference Network", in the 5th International Conference on Computing and Network Communications (CoCoNet), Bangalore, India, Dec. 2023.

57. Majed Haddad, Piotr Wiecek, Oussama Habachi, Samir M. Perlaza and Shahid Mehraj Shah, "Fair Iterative Water-Filling Game for Multiple Access Channels", in the 25th International Conference on Modeling Analysis and Simulation of Wireless and Mobile Systems (MSWiM), Montreal, Quebec, Canada, Oct. 2022.

56. Afaf Arfaoui, Rachid El-Azouzi, Majed Haddad and Essaid Sabir, "Flexible Network Slicing Assisted 5G for Video Streaming with Effective and Efficient Isolation", in ITC 32 : Teletraffic in the era of beyond, 5G and AI, Osaka, Japan, Sept. 2020.

55. Rachid El Azouzi, Krishna V. Acharya, Sudheer Poojary, Albert Sunny, Majed Haddad, Eitan Altman, Dimitrios Tsilimantos and Stefan Valentin, "Analysis of QoE for Adaptive Video Streaming over Wireless Networks with User Abandonment Behavior", IEEE Wireless Communications and Networking Conference (WCNC), Marrakesh, Morocco, April, 2019.

54. Sudheer Poojary, Rachid El Azouzi, Eitan Altman, Albert Sunny, Imen Triki, Majed Haddad, Tania Jiménez, Stefan Valentin and Dimitrios Tsilimantos, "Analysis of QoE for adaptive video streaming over wireless networks", in the 16th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt), Shanghai, China, May 2018.

53. Majed Haddad, Piotr Wiecek and Oussama Habachi "A Game Theoretic Load-Aware Network Selection", in the 3rd IEEE INFOCOM Workshop on Advances in Software Defined and Context Aware Cognitive Networks 2018 (IEEE SCAN 2018) , Honolulu, HI, USA, Apr. 2018.

52. Moulay Abdellatif Lmater, Abdelkrim Haqiq, Abdelillah Karouit and Majed Haddad, "Performance Evaluation of a Jamming-Resistant of MAC Protocol with Self-Interested Users", IINTEC 2018.

51. Moulay Abdellatif Lmater, Majed Haddad and Abdelkrim Haqiq and Abdelillah Karouit, "A Large Anti-Jamming Cooperation Scheme in the Presence of Jammers Sensitive to Sensing Errors", IINTEC 2018.

50. Imen Triki, Rachid El-Azouzi, Majed Haddad, Quanyan Zhu and Zhiheng Xu, "Learning from Experience : A Dynamic Closed-Loop QoE Optimization for Video Adaptation and Delivery", in PIMRC, Montreal, Canada, Oct. 2017.

49. Abdelillah Karouit, Majed Haddad, Eitan Altman, and Abdellatif El Matar, "Routing game on the line : The case of multi-players", in the 3rd International Symposium on Ubiquitous Networking (UNET), Casablanca, Maroc, May 2017.

48. Amina Boukoftane, Eitan Altman, Majed Haddad, Nadia Oukid, "Multi-criteria routing game", **Invited paper** in the 7th EAI International Conference on Game Theory for Networks (Game-Nets), Tennessee, USA, May 2017.

47. Majed Haddad, Dalia-Georgiana Herculea, Chung Shue Chen, Eitan Altman and Véronique Capdevielle, "Online Mobile User Speed Estimation : Performance and Tradeoff Considerations", in IEEE CCNC, Las Vegas, USA, Jan. 2017.

46. Imen Triki, Rachid El-Azouzi and Majed Haddad, "Anticipating Resource Management and QoE for Mobile Video Streaming under Imperfect Prediction", in IEEE International Symposium on Multimedia (ISM), San Jose, California, USA, Dec. 2016.

45. Iyed Khammassi, Rachid El-Azouzi, Majed Haddad and Issam Mabrouki, "A Game Theoretic Model for Network Virus Protection", in the IEEE 27th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), Valencia, Spain, June 2016.

44. Dalia-Georgiana Herculea, Chung Shue Chen, Majed Haddad and Véronique Capdevielle, "STRAIGHT : Stochastic Geometry and User History based Mobility Estimation", in HotPOST workshop in conjunction with the 17th ACM MobiHoc, Paderborn, Germany, May 2016.

43. Imen Triki, Rachid El-Azouzi and Majed Haddad, "NEWCAST : Anticipating Resource Management and QoE Provisioning for Mobile Video Streaming", in the 17th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM), Coimbra, Portugal, March 2016.

42. Majed Haddad, Dalia-Georgiana Herculea, Eitan Altman, Nidham Ben Rached, Veronique Capdevielle, Chung Shue Chen and Frederic Ratovelomanana, "Mobility state estimation in LTE", in IEEE WCNC, Doha, Qatar, Apr. 2016.

41. Imen Triki, Majed Haddad, Rachid El-Azouzi, Afef Feki and Marouen Guechaoui, "Context-Aware Mobility Resource Allocation for QoE-Driven Streaming Services", in IEEE WCNC, Doha, Qatar, Apr. 2016.

40. Dalia-Georgiana Herculea, Majed Haddad, Veronique Capdevielle, and Chung Shue Chen, "Network-Based UE Mobility Estimation in Mobile Networks", in ACM MobiCom, Poster Session, Paris, France, Sept. 2015. [**Best paper award in ACM MobiCom S3 workshop**]

39. Priyanka Rawat, Majed Haddad and Eitan Altman, "Towards efficient disaster management : 5G and Device to Device communication", International Conference on Information and Communication Technologies for Disaster Management (ICT-DM), Rennes, France, 2015.

38. Piotr Wiecek, Majed Haddad, Oussama Habachi and Yezekael Hayel, "Toward Fully Coordinated Multi-level Multi-carrier Energy Efficient Networks", in IFIP Networking, Toulouse, France, May 2015.

37. Rachid El-Azouzi, Eitan Altman, Ilaria Brunetti and Majed Haddad, "Cooperation in Groups : An Evolutionary Games Approach", **Invited paper** in the 52nd Annual Allerton Conference on Communication, Control, and Computing, Illinois, USA, October 2014.

36. Houssem Gaiech, Rachid El-Azouzi, Majed Haddad, Eitan Altman and Issam Mabrouki, "Evolutionary Games for Multiple Access Control : From Egoism to Altruism", in Netgcoop, Trento, Italy, Oct. 2014.

35. Majed Haddad, Piotr Wiecek, Oussama Habachi and Yezekael Hayel, "Energy Efficient Power Control Game Applied to Cognitive Radio Networks", accepted in Globecom, Austin, Texas, USA, Dec. 2014.

34. Majed Haddad, Oussama Habachi, Piotr Wiecek and Yezekael Hayel, "Spectral Efficiency of Energy Efficient Multi-carrier Systems", in IFIP Performance 2014, Torino, Italy, Oct. 2014.

33. Majed Haddad, Piotr Wiecek, Oussama Habachi and Yezekael Hayel, "A game theoretic analysis for Energy Efficient Heterogeneous Networks", in WiOpt, Hammamet, Tunisia, May 2014.

32. Majed Haddad, Habib Sidi, Piotr Wiecek and Eitan Altman, "Automated Dynamic Offset Applied to Cell Association", in IEEE INFOCOM, Toronto, Canada, May 2014.

31. Khalil Ibrahimi, Eitan Altman and Majed Haddad, "Signaling Game-based Approach to Power Control Management in Wireless Networks", in 8th ACM Workshop on Performance Monitoring and Measurement of Heterogeneous Wireless and Wired Networks, Barcelona, Spain, 2013. [**Best Poster Award**]

30. Majed Haddad, Piotr Wiecek, Eitan Altman and Habib Sidi, "A Game Theoretic Approach for the Association Problem in Two-Tier HetNets", in the 25th International Teletraffic Congress (ITC), Shanghai, China, September 10-12, 2013.

29. Yezekael Hayel, Majed Haddad and Oussama Habachi, "Spectrum Coordination and Learning in Energy Efficient Cognitive Radio Networks", in the IEEE 78th Vehicular Technology Conference (VTC-Fall), Las Vegas, USA, 2-5 September, 2013.

28. Essaid Sabir, Majed Haddad and Hamidou Tembine, "Joint Strategic Spectrum Sensing and Opportunistic Access for Cognitive Radio Networks", in IEEE Globecom 2012, Anaheim, California, USA, Dec. 2012.

27. Yezekael Hayel and Majed Haddad, "A Stackelberg Approach for Energy Efficient Multi-carrier Systems", in IEEE Globecom 2012, Anaheim, California, USA, Dec., 2012.

26. Ilaria Brunetti, Eitan Altman and Majed Haddad, "Pricing Access to the Internet with Partial Information", in ACM Valuetools 2012, Cargèse, France, Oct. 2012.

25. Sunitha Azad, Eitan Altman and Majed Haddad, "Jamming DoS in IEEE 802.11 WLANs", in ACM Valuetools 2012, Cargèse, France, Oct. 2012.

24. Cengis Hasan, Eitan Altman, Jean-Marie Gorce and Majed Haddad, "Non-Cooperative Association of Mobiles to Access Points Revisited", in WiOpt, Paderborn, Germany, May 2012.

23. Majed Haddad, Eitan Altman, Julien Gaillard and Dieter Fiems, "A Semi-Dynamic Evolutionary Power Control Game", IFIP Networking 2012, Prague, Czech Republic, May 2012.

22. Yuedong Xu, Eitan Altman, Rachid El-Azouzi, Salaheddine Elayoubi and Majed Haddad, "QoE Analysis of Media Streaming in Wireless Data Network", IFIP Networking 2012, Prague, Czech Republic, May 2012.

21. Majed Haddad, Eitan Altman and Julien Gaillard, "Sequential Routing Game on the Line : Transmit or Relayin", in IEEE ICCIT, Hammamet, Tunisia, 2012.

20. Yuedong Xu, Eitan Altman, Rachid El-Azouzi, Majed Haddad, Salaheddine Elayoubi and Tania Jimenez, "Probabilistic Analysis of Buffer Starvation in Markovian Queues", in IEEE INFOCOM, Orlando, USA, 2012.

19. Eitan Altman, Dieter Fiems, Majed Haddad and Julien Gaillard, "Semi-dynamic Hawk and Dove game applied to power control", in IEEE INFOCOM, Orlando, USA, April 2012.

18. Eitan Altman, Piotr Wiecek and Majed Haddad, "The Association Problem with Misleading Partial Channel State Information", in IEEE WCNC, Paris, France, April 2012.

17. Habib Sidi , Rachid El-Azouzi and Majed Haddad, "Fractional Frequency Reuse Stackelberg Model for Self-Organizing Networks", in IFIP Wireless Days, Niagara Falls, Ontario, Canada, October 2011.

16. Majed Haddad and Eitan Altman, "The Interplay Between Caching and Popularity", in International Conference on NETwork Games, COntrol and OPtimization (NetGCooP), Paris, France, 2011.

15. Essaid Sabir, Mohamed Baslam and Majed Haddad, "Achieving Energy Efficient Equilibrium in Power Diversity-enabled Collision Channels", **Invited paper** in ACM ISABEL 2011, Barcelona, Spain, 2011.

14. Eitan Altman, Julien Gaillard, Majed Haddad and Piotr Wiecek, "Dynamic Hawk and Dove games within flocks of birds", in ICST Conference on Bio-Inspired Models of Network, Information and Computing Systems (BIONETICS), York, England, 2011.

13. Richard Combes, Zwi Altman, Majed Haddad and Eitan Altman, "Self-optimizing strategies for interference coordination in OFDMA networks", in IEEE ICC Workshop on Planning and Optimization of Wireless Communication Networks, June 2011.

12. Majed Haddad, Eitan Altman, Rachid El-Azouzi, Tania Jimenez, Salah Eddine Elayoubi Sana Ben Jemaa, "A Survey on YouTube Streaming Service", in ACM Valuetools, Paris, 2010.

11. Majed Haddad, Zwi Altman, Salah Eddine Elayoubi and Eitan Altman, "A Nash-Stackelberg Fuzzy Q-Learning Decision Approach in Heterogeneous Cognitive Networks", in IEEE Globecom, Miami, USA, Dec. 2010.

10. Salah Eddine Elayoubi, Eitan Altman, Majed Haddad and Zwi Altman, "A hybrid decision approach for the association problem in heterogeneous networks", in IEEE INFOCOM, San Diego, USA, March 2010.

9. Majed Haddad, Aawatif M. Hayar and Geir E. Øien, "Downlink Distributed Binary Power Allocation for Cognitive Radio Networks", IEEE PIMRC 2008, Cannes, France, September 2008.

8. Majed Haddad, Aawatif M. Hayar, Geir E. Øien and Saad G. Kiani, "Uplink Distributed Binary Power Allocation for Cognitive Radio Networks", IEEE CrownCom 2008, Singapore, May 2008.

7. Majed Haddad, Aawatif Menouni Hayar, Mohamed Hedi Fetoui, Mérouane Debbah, "Cognitive Radio Sensing Information-Theoretic Criteria Based", The Second International Conference on Cognitive Radio Oriented Wireless Networks and Communications (CrownCom), Orlando, Florida, USA, 2007.

6. C. Bonnet, H. Callewart, M. Debbah, M. Haddad, A. Menouni Hayar, K. Khalfallah, R. Knopp, N. Muhammad, D. Nussbaum, R. Pacalet and R. Rasheed, "Cognitive Radio Platform : from Achievable Performance to architecture Design", ETSI Software Defined Radio (SDR)/Cognitive Radio (CR) Workshop, Sophia-Antipolis, 2007.

5. Majed Haddad, Mérouane Debbah, Aawatif Menouni Hayar, "Spectral Efficiency for Cognitive Radio Systems", IEEE Global Telecommunications Conference (GLOBECOM), Washington, D.C, USA, 2007.

4. Majed Haddad, Aawatif Menouni Hayar and Mérouane Debbah, "Power allocation Policies over multi-band/multi-user Cognitive Radio System", in Multi-Conference on Systems, Signals and Devices (SSD), Hammamet, Tunisia, 2007.

3. Majed Haddad, Mérouane Debbah, Aawatif Menouni Hayar, "Optimal Power Allocation For Cognitive Radio Based on a Virtual Noise Threshold", The First International Workshop on Cognitive Wireless Networks (CWNets), Vancouver, Canada, 2007.

2. Majed Haddad, Mérouane Debbah, Aawatif Menouni Hayar, "Distributed Power Allocation for Cognitive Radio", 2007 International Symposium on Signal Processing and its Applications (ISSPA 2007), Sharjah, United Arab Emirates, 2007.

1. Majed Haddad, Mérouane Debbah, Aawatif Menouni Hayar, "Diversity-Multiplexing Tradeoff for frequency fading channels with CSIT", 1st International Conference on Cognitive Radio Oriented Wireless Networks and Communications (CrownCom), Mykonos Island, Greece, June 2006.

Patents

2. Nidham Ben Rached, Véronique Capdevielle, Majed Haddad, Frédéric Ratovelomanana, Afef Feki and Eitan Altman, "Temporal Analysis For User Speed Estimation In Wireless Networks", Filed patent 814415-EP-EPA, July 2013.

1. Majed Haddad, Véronique Capdevielle, Afef Feki and Eitan Altman, "Method And System For User Speed Estimation In Wireless Networks", Filed patent 813871-EP-EPA, March 2013.

Book chapters

3. Majed Haddad, Eitan Altman, Julien Gaillard and Dieter Fiems, "An Evolutionary Game Approach for Rechargeable Sensor Networks", in Book title : "Rechargeable Sensor Networks : Technology, Theory and Application", World Scientific, pp 247-274, 2014.

2. Eitan Altman, Julien Gaillard, Majed Haddad and Piotr Wiecek, "Dynamic Hawk and Dove Games within Flocks of Birds", Book title : "Bio-Inspired Models of Networks, Information, and Computing Systems", Springer Berlin Heidelberg, vol. 103, pp 115-124, 2012.

1. Majed Haddad, Sana Ben Jemaa, Salah Eddine Elayoubi, Eitan Altman and Zwi Altman, "Self-Organization in Cognitive Radio Networks", in Book title : "Self-Organization and Green Applications in Cognitive Radio Networks", IGI Global, 2011. [**Best Paper Award in the New Applications of Cognitive Principles to Communications category 2013**].

Technical Reports

2. Majed Haddad, Salah-Eddine El Ayoubi, Louai Saker, Zwi Altman and Sana Ben Jemaa, "Distributed Joint Radio Resource Management in Heterogeneous Networks", White paper France Telecom, Dec. 2009.

1. Majed Haddad, Véronique Capdevielle, Afef Feki, Frédéric Ratovelomanana, Eitan Altman and Nidham Ben Rached, "Speed Estimation in LTE", White paper Bell-labs Alcatel-Lucent, July 2013.

Miscellaneous

Associate Editor :
• IEEE Access, 2015-present.

Guest Editor :
• The IEEE Access Special Section in Big Data for Green Communications and Computing, 2015.

Workshop chair :
• The 13th International Workshop on Spatial Stochastic Models for Wireless Networks (**SpaSWiN**) co-located with WiOpt, Avignon, France, 2019.
• The 11th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (**WiOpt**), Tsukuba, Japan, 2013.

Organiser :
• The special session on Application of Game Theory in Wireless Networks in conjunction with the 10th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (**WiOpt**), Paderborn, Germany, 2012.
• The Cognitive Radio Day, proposed by GDR ISIS, URSI and ETSI, Paris, France, 2007.

Track Chair :
• The P2P, Ad-Hoc and Mobile Networking track in the 10th International Conference On P2P, Parallel, Grid, Cloud And Internet Computing (**3PGCIC**), 2015.

Technical Program Chair :
• The IEEE Consumer Communications and Networking Conference (**CCNC**), 2021.
• The 20th IEEE International Symposium on Signal Processing and Information Technology (**ISSPIT**), Louisville, Kentucky, USA, 2020.
• The 9th IEEE International Conference on Communications, Network, and Satellite (**Comnetsat**), 2020.
• The 19th IEEE Mediterranean Electrotechnical Conference (**Melecon**), Marrakesh, Morocco, 2018.
• The IEEE Consumer Communications and Networking Conference (**CCNC**), 2018.
• IEEE WCNC'2016 Workshop on Device to Device communications for 5G NETWORKS (**WD5G**), in conjunction with IEEE **WCNC**, 2016.
• The First International Symposium on Ubiquitous Networking (**UNet**), Casablanca, Morocco, 2015.
• The 1st International Workshop on Device-to-Device Communications (**D2D**) in conjunction with **WiOpt**, IIT Bombay, India, 2015.
• The 12th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (**WiOpt**), Hamamet, Tunisia, 2014.
• The 2nd IEEE International Workshop on Self-Organizing Heterogeneous Networks (**SONETS**) in conjunction with the IEEE International Conference on Wireless Communications and Networking (**WCNC**), Istanbul, Turkey, 2014.
• The 4th International Workshop on Indoor and Outdoor Small Cells (**IOSC**) in conjunction with the 11th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (**WiOpt**), Tsukuba, Japan, 2013.

• The 1st International Workshop on Self-Organization in Heterogeneous NETworks (**ISONET**) In conjunction with the IEEE **ICC**, Budapest, Hungary, 2013.

Organizing Committee :
• The International Conference on Network Games, Control and Optimization (**NetGCooP**), Avignon, France, 2016.
• The IEEE International Symposium on Information Theory (**ISIT**), Nice, France, 2007.
• The Winter School on Information Theory (**WIT**), Sophia-Antipolis, France, 2007.
• The 7th IEEE Signal Processing Advances in Wireless Communications (**SPAWC**), Cannes, France, 2006.

Technical Program Committee
• The Fifteenth International Conference on Ubiquitous and Future Networks (ICUFN), Hungary, 2024.
• The Sixth International Conference on AI in information and communication (ICAIIC), Japan, 2024.
• The IEEE Consumer Communications and Networking Conference, Las Vegas, NV, USA, 2024.
• The 38th International Conference on Information Networking (ICOIN), Vietnam, 2024.
• The IEEE Consumer Communications and Networking Conference (CCNC), 2023.
• The 14th International Conference on Ubiquitous and Future Networks (ICUFN), 2023.
•The Fifth International Conference on AI in information and communication (ICAIIC), 2023.
• The IEEE Consumer Communications and Networking Conference (CCNC), 2022.
• The 26th IEEE Symposium on Computers and Communications (ISCC), Greece, Sept. 2021.
• The International Conference on Artificial Intelligence in Information and Communication (ICAIIC), Montreal, Canada, June 2021.
• The International Symposium on Ubiquitous Networking (UNet), Marrakesh, Morocco, 2021.
• The 28th International Conference on Telecommunications (ICT), London, United Kingdom, 2021.
• The IEEE Consumer Communications & Networking Conference (CCNC), Virtual Conference, 2021.
• The 30th International Workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV), Turkey, June 2020.
• The 9th IEEE International Conference on Communications, Network, and Satellite (COMNET-SAT), Virtual Conference, Dec. 2020.
• The IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), Louisville, Kentucky, USA, Dec. 2020.
• The Consumer Communications and Networking track of the 17th Annual IEEE Consumer Communications Networking Conference (CCNC), Las Vegas, USA, Jan. 2020.
• The 20th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), Louisville, Kentucky, USA, 2020.
• The 9th IEEE International Conference on Communications, Network, and Satellite (Comnetsat), 2020.
• The 30th International Workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV), Turkey, June 2020.
• The IEEE 5G World Forum (5GWF), 2019.
• The 11th International Conference on Ubiquitous and Future Networks (ICUFN), 2019.
• The 24rd IEEE International Symposium on Computer and Communications (ISCC 2019), July 2019, in Barcelona, Spain.
• The IEEE International Conference on Communications, Network and Satellite (Comnetsat), 2018
• The IEEE Vehicular Technology Conference (VTC-Fall), Chicago, 2018.
• The 19th IEEE Mediterranean Electrotechnical Conference (Melecon), Marrakesh, Morocco, 2018.
• The IEEE Global Communications Conference : Mobile and Wireless Networks (Globecom), 2018.
• The IEEE Vehicular Technology Conference (VTC-Spring), Recent Results and Workshops, 2018.

- The IEEE MELECON, Marrakesh, 2018.
- The IEEE Vehicular Technology Conference (VTC-Spring), Porto, 2018.
- The 20th International Symposium on Wireless Personal Multimedia Communications (WPMC) in BALI, Indonesia, 2017.
- The 15th IEEE Annual Consumer Communications and Networking Conference (CCNC)), 2018.
- The 25th International Conference on Telecommunications (ICT) in Saint Malo, France, 2018.
- The IEEE Global Communications Conference : Mobile and Wireless Networks (Globecom), 2018.
- The 17th IEEE International Symposium on Signal Processing and Information Technology, Bilbao, Spain, 2017.
- The IEEE International Symposium on Computer and Communications (ISCC), 2017.
- VTC-Fall, Wireless Access Technology and Heterogeneous Networks. Radio Access Technology, LTE, 5G, and Wireless Heterogeneous Networks. Wireless Networks and Security, Toronto, 2017.
- ACM MobiHoc 2017 Workshop related to "Mobility and MiddleWare Management in HetNets".
- The Workshop on Advances in 5G Communications International Wireless Communications and Mobile Computing Conference (IWCMC), 2017.
- The International Conference on Wireless Networks and Mobile Communications (WINCOM), 2017.
- The third International Symposium on Ubiquitous Networking (UNet), 2017.
- The 7th EAI International Conference on Game Theory for Networks (GAMENETS), 2017.
- The 24th International Conference on Telecommunications (ICT), 2017.
- IEEE VTC-Spring, Wireless Access Technology and Heterogeneous Networks, Sydney, Australia, 2017.
- IEEE ICC Workshop related to Cloud Radio Access Network in HetNets, 2017.
- The Consumer Communications and Networking track of the 14th Annual IEEE Consumer Communications & Networking Conference (CCNC), Las Vegas, USA, 2017.
- The International Conference on Wireless Networks and Mobile Communications (WINCOM), Fez, Morocco, 2016.
- The Second International Symposium on Ubiquitous Networking (UNet), Casablanca, Morocco, 2016.
- The Workshop on Advances in 5G Communications International Wireless Communications and Mobile Computing Conference (IWCMC), Paphos, Cyprus, 2016.
- The International Conference on Network Games, Control and Optimization (NetGCooP), Avignon, France, 2016.
- The Radio Access Technology, LTE, 5G and Wireless Heterogeneous Networks of the IEEE 84th Vehicular Technology Conference (VTC-Fall), Montreal, 2016.
- The 23rd International Conference on Telecommunications (ICT), Thessaloniki, Greece, 2016.
- The 13rd Annual IEEE Consumer Communications Networking Conference (CCNC), Las Vegas, USA, 2016.
- The LTE/LTE-A, 5G, and Wireless Heterogeneous Networks Track of the 83rd IEEE Vehicular Technology Conference (VTC-Spring), Nanjing, China, 2016.
- The 9th International Conference on Combinatorial Optimization and Application (COCOA 2015), Houston, USA, Dec. 2015.
- The IEEE GC 2015 Workshop on 5G Heterogeneous and Small Cell Networks (HetSNets), San Diego, CA, USA, Dec. 2015.
- The IEEE Journal on Selected Areas in Communications (JSAC) - Special Issue on Recent Advances in Heterogeneous Cellular Networks, 2015.
- The 12th Annual IEEE Consumer Communications and Networking Conference (CCNC), 2015.
- The Wireless Network Security track of the 82nd IEEE Vehicular Technology Conference (VTC-Fall), Boston, USA, 2015.
- The Cellular Networks track of the 82nd IEEE Vehicular Technology Conference (VTC-Fall), Boston, USA, 2015.
- The Wireless Networks and Security track of the 81st IEEE Vehicular Technology Conference (VTC-Spring), Glasgow, Scotland, 2015.

- The Cooperative and Cognitive Networks Workshop in conjunction with the 10th International Wireless Communications and Mobile Computing Conference (IWCMC), Nicosia, Cyprus, 2014.
- The International Conference on Network Games, Control and Optimization (NetGCooP), Trento, Italy, 2014.
- The 5th International Conference on Next Generation Networks and Services (NGNS), Casablanca, Morocco, 2014.
- The 8th ACM International Conference on Performance Evaluation Methodologies and Tools (Valuetools), Bratislava, Slovakia, 2014.
- The Workshop on Small Cell Wireless Networks (SmallNets) in conjunction with the IEEE International Conference on Wireless Communications and Networking (WCNC), Budapest, Hungary, 2013.
- The Wireless Networks and Security track of the 78th IEEE Vehicular Technology Conference (VTC-Fall), Las Vegas, USA, 2013.
- The Wireless Access track of the 78th IEEE Vehicular Technology Conference (VTC-Fall), Las Vegas, USA, 2013.
- The Wireless Networks, Access Control, and Resource Management track of the 77th IEEE Vehicular Technology Conference (VTC-Spring), Dresden, Germany, 2013.
- The 4th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN), Niagara Falls, Ontario, Canada, 2013.
- The International Conference on Network Games, Control and Optimization (NetGCooP), Avignon, France, 2012.
- The Conference on Decision and Game Theory for Security (GameSec), College Park, Maryland, USA, 2011.
- The International Conference on Network Games, Control and Optimization (NetGCooP), Paris, France, 2011.
- The Networking, Cognitive Radio, Wireless Sensor Networks track of the 7th International Symposium on Wireless Communications Systems (ISWCS), York, United Kingdom, 2010.

Reviewer :
- IEEE Journal on Selected Areas in Communications (**JSAC**).
- IEEE Trans. on Vehicular Technology (**TVT**).
- IEEE Trans. on Wireless Communications (**TWC**).
- IEEE Trans. on Communications (**TCOM**).
- IEEE Communications Magazine (**COMMAG**).
- IEEE Wireless Communications Magazine (**WCM**).
- EURASIP Journal on Wireless Communications and Networking (**JWCN**).
- ACM/IEEE Trans. on Networking (**ToN**).

Invited Talk :
- "Efficient Solutions for Estimating Mobility for 4G/5G Network Optimization", in the common lab INRIA – Alcatel-Lucent Bell Labs, Paris, France, Jan. 2015.
- ",Energy-Efficient Resource Management Games in Wireless Networks", **CEFIPRA** Workshop, IISC Bengalore, India, Jan. 2014.
- "Mobility in 4G/5G Networks", in the common lab INRIA – Alcatel-Lucent Bell Labs, Paris, France, Jan. 2013.
- "Competition over popularity and advertisement in social networks : An overview", in the Resource Allocation in Wireless Networks (**RAWNET**) workshop in conjunction with **WiOpt** 2013, Tsukuba, Japan, May 2013.
- "A Hierarchical Approach for the Association Problem with Misleading Partial Channel State Information", in ACM **Valuetools** 2012, CargÃšse, France, Oct. 2012.