Marwa Chami
Researcher in Networking

Beirut, Lebanon
✆ *(+961) 78 859 456*
✉ *marwa@elchami.com*

Education

2012–2016	**PhD in Communications Engineering**, *Department of Electronic and Control Engineering*, Conservatoire National des Arts et Métiers (CNAM), Paris, France.
2014–2015	**Magister Science and Technology in Society**, CNAM, Paris, France.
2011–2012	**Master of Research in Signal Processing**, Télécom Bretagne, Brest, France.
2007–2012	**Bachelor in Electrical Engineering**, *Faculty of Engineering*, Lebanese University, Beirut, Lebanon.

Teaching and Research Experience

2018–Present **Professor**, CIS COLLEGE, Beirut, IT Department.
- Networking, Internet and Security
- Operating Systems
- Algorithm
- Microsoft Office (Access, Word and Excel)

2017–2018 **Postdoctoral Researcher**, IMT ATLANTIQUE, Brest.
Software Defined Networking

2017–2018 **Academic Assistant**, IMT ATLANTIQUE, Brest.
Supervision and Statements Preparation

2012–2016 **PhD Researcher**, CNAM, Paris, CÉDRIC Laboratory - LAETITIA Team.
Mobile Networks

03-08/2012 **Researcher Intern** , IETR, Rennes, France.
Radar Imagery

07-09/2011 **Researcher Intern** , HUAWEI TECHNOLOGIES, Beirut, Lebanon.
Mobile Networks

06/2011 **Internship**, BEIRUT RAFIC HARIRI INTERNATIONAL AIRPORT, Beirut, Lebanon.
Telecommunications

Other Experiences

2007–Present	**Private Teaching**, *Students from grade 7 to grade 12*, Lebanon and France.
2015–2018	**Editor in Chief**, At beirutpress.net, Lebanon.
2016–2018	**Arabic Proofreader**, At beirutpress.net, Lebanon.
2012–2015	**Translator**, *Press articles from English and French to Arabic*, At beirutpress.net.
2012–2015	**Editor**, *Economic and scientific articles*, At beirutpress.net, Lebanon.

Research Interests

Wireless Communications, *Cognitive Radio, Dynamic Spectrum Management.*
Networking, *Software-Defined Networking, Routing Protocols.*
Resource Allocation, *Solving convex and non-convex optimization problems.*
Signal Processing, *Interference Cancellation, Coding, Equalization.*

Skills and Interests

Computer skills.
- Programming Languages: Matlab, Python, C, C++, Java
- Emulator: Mininet
- Version control: Git, SVN
- Document preparation system: Latex, Beamer, Open Office
- Certificate: CCNA 1-4 (2011)

Professional and life skills.
- Scientific popularization
- Pedagogue and rigorous
- Attentive and open-minded
- Good learner

Languages.
- Arabic: Mother Tongue
- French: Bilingual
- English: Fluent (TOEIC score 875/990)

Academic Services and Talks

Review Committee Member.
- International Conference on Signal Processing and Communication Systems (ICSPCS15)
- International Symposium on Wireless Communication Systems (ISWCS14)
- IEEE Wireless Communications and Networking Conference (WCNC14)

Seminars.
- ADOPNET Research Team, IMT Atlantique, Brest, 2017
- SOAPS Project Meeting, Paris, 2015
- LAETITIA Research Team, CNAM, Paris, 2014 and 2015

Conferences: Paper presentation.
- ICC, Paris, France, 2017
- WCNC, Doha, Qatar, 2016
- ISWCS, Barcelone, Spain, 2014

Social Activities

2012–2018	**Member in the French Football Federation**, Paris and Brest, France.
2004–2007	**Volunteer in DPNA**, Saida, Lebanon.
2004–2007	**Volunteer in Beam of the Environment Association**, Sarafand, Lebanon.
2007–2010	**Member in the Lebanese Scout Association**, Al-Beyssarieh, Lebanon.