



1. Name and Academic rank: Soubhi Abou Chahine, Professor, full time

2. Education: Degrees, discipline, institution and date:

Ph.D., Electronics and Communications (Mention : Très honorable avec les félicitations du jury), Ecole Nationale Supérieure de Télécommunications (Telecom Paris), Paris, France, 1994

Diploma of Higher Studies in Opto-electronics and Microwaves (Diplome d'Etudes Approfondies : DEA, Ecole Nationale Supérieure d'Electronique et de Radio-électricité de Grenoble (INPG - ENSERG) , Grenoble, France, 1990

B.S., Electrical Engineering, Beirut Arab University, 1987

3. Academic experience

- Beirut Arab University, Dean of student affairs, September 2012- present
- Beirut Arab University, Professor, 2005- present, full time
- Beirut Arab University, Associate Professor, 2000- 2005, fulltime
- Beirut Arab University, Assistant Professor, 1994- 2000, full time
- American University of Beirut, Lecturer, 2001-2008, part time
- Hariri Canadian University, Lecturer, 2004 – 2006, part time
- Ecole Nationale Supérieure de Télécommunications (Telecom Paris), Research Leave, 1999- 2003, part time
- Ecole Nationale Supérieure de Télécommunications (Telecom Paris), Teaching assistant, 1990- 1994, part time

4. Non academic experience – company or entity, title, brief description of position, when (ex. 1993-1995), full time or part time

- Member of the Equivalence committee for the higher education and universities (Validation and recognition of higher education academic degrees), Directorate General of Higher Education, Ministry of Education and higher Education, 2010-present
- Member of the technical committee for the higher education and universities (Licensing and audit of higher education Institutions), Directorate General of Higher Education, Ministry of Education and higher Education, 2002-present
- Member of the examining committee for the recruiting of Technical professors at the national level, Council of Public Service, Lebanese Republic, 1997 – present
- Member of the evaluation committee, *L'Agence d'évaluation de la recherche et de l'enseignement supérieur (AÉRES)*, April –June 2014

5. Certification or professional Registration

No
ne

6. Current membership in professional organizations

IEEE, Order of Engineers



7. Honors and Awards:

- Graduated with High distinction From Beirut Arab University

8. Service activities

- 2011 – 2012 Director of the Faculty of engineering Quality assurance Unit.
- 2011 – present President of the University’s TEMPUS Committee.
- 2009 - 2013 Executive director of the quality assurance unit at BAU
- 1995- present Member of different committees (strategic committee, Center of Academic Development, Curriculum, graduate programs, tempus projects, Erasmus mundus projects)
- 2006 - present Member of the steering committees of different Tempus Projects on: Quality Assurance and Accreditation, International Relations, Finance Management, Student Services, Leadership in Higher Education, Entrepreneurship Education, Research and Industry.

9. Principal publications and presentations from the last five years:

9.1 Textbook

None

9.2 Journal Publications

- 1) K. Alameddine, S. Abou Chahine, M. Rammal, and Z. Osman, “Wideband Patch Antennas for Mobile Communications” AEUE , International Journal of Electronics and Communications, 2006.
- 2) Ayman Abdallah, Soubhi Abou Chahine, Mouhammed Rammal, Guillaume Neveux, Patrick Vaudon, Michel Campovecchio, "Performance Comparison between 6-Port and 5-Port homodyne circuits for DOA Estimation" Accepted for publication : WSEAS Transactions on Circuits and Systems
- 3) Bzeih, A., S. A. Chahine, K. Y. Kabalan, A. El-Hajj, and A. Chehab (2007), An improved broadband E patch microstrip antenna for wireless communications, *Radio Sci.*, 42, RS6001, doi:10.1029/2007RS003643.
- 4) H. Issa, J.-M. Duchamp, S. Abou-Chahine, and P. Ferrari, Miniature DBR with Series Capacitive Loading Microwave and Optical Technology Letters, vol. 53, No. 2, pp. 278–281, Feb. 2011.

**Quality of Higher Education
Publication**

- 1- Bassem Kaissi, Ahmad Al Jammal, Mohamed Loutfi, and Sobhi Abou Chahine, “Introduction to Quality Management in Higher Education”, EC Publications under the Tempus Framework, April 2008.



2- Sobhi Abou Chahine, Ahmad Al Jammal, Alfredo Moscardini, and Bassem Kaissi, "Self Evaluation in Higher Education Institutions", EC Publications under the Tempus Framework, May 2008.

3- Pierre Khoury, David Weir, Bassem Kaissi, and Sobhi Abou Chahine. "Quality Audits and Accreditation", EC Publications under the Tempus Framework, July 2008.

9.3 Conference Proceedings

1- Amer Bzeih, Soubhi Abou Chahine, Karim Y. Kabalan, Ali El-Hajj*, and Ali Chehab "Empirical Formulation and Design of a Broadband Enhanced E-Patch Antenna" (24th national radio science conference, URSI, Egypt, March 2007)

2- Abdallah, H.S. Ghaleb, I.A. Abou Chahine. S, "The Effect of Imperfect Channel Estimation on the Performance of Layered Space Time Receivers", IEEE International Symposium on Signal Processing and Information Technology. Cairo, December 2007

3- Abdulhakim Awad, Soubhi Abou Chahine, Ziad Osman, and Karim Y. Kabalan, " Investigation on H-tree Multiband Prefractal Antenna" Conference on Computing and Control Technologies CCCT 2008, July 2008

4- K. Alameddine, Soubhi Abou Chahine, Onsy Abdel Alim, Ziad Osman, "A New Modified Ultra-Wideband Circular Disc Dipole Antenna for UWB Systems", International Wireless Communications and Mobile Computing Conference (IWCMC 2008), August 2008

5- H. ISSA, JM. DUCHAMP, P. Ferrari & S. ABOU CHAHINE, " Miniaturized DBR Filter: Formulation and Performances Improvement" IEEE MTT-S 2008 International Microwave Symposium, June 2008

6- H. Issa, J.M. Duchamp, Soubhi Abou-Chahine, et P. Ferrari, « Facteur de qualité de lignes de transmission miniatures », 16èmes Journées Nationales Microondes, Grenoble, France, 2009.

7- H. Issa, J.M. Duchamp, Soubhi Abou-Chahine, et P. Ferrari, « Méthode de synthèse de filter DBR miniature », 16èmes Journées Nationales Microondes, Grenoble, France, 2009.

8- H. Issa, J.M. Duchamp, Soubhi Abou-Chahine, et P. Ferrari, « Filtre passe-bande miniature à résonateurs hybrides en court-circuit », 16èmes Journées Nationales Microondes, Grenoble, France, 2009.

9- S. Abou Chahine, Maria Addam, Hadi Abdel Rahim, Areej Itani, Hiba Jomaa "A Modified Circular Disc Monopole Ultra Wide Band Antenna" Conference on Advances in Computational Tools for Engineering Applications. ACTEA 2009. July 15-17, 2009. Notre Dame University, Lebanon.

10- S. Abou Chahine, Maria Addam, Hadi Abdel Rahim, Areej Itani, Hiba Jomaa "A Modified Elliptical Slot Ultra Wide Band Antenna" Conference on Computing and Control Technologies CCCT 2009, Orlando, United states, July 2009.

11- H. S. Abdallah, O. Abdel Alim, S. Abou Chahine, I. GHaleb "Optimized Layer Controlled MIMO Transceiver Scheme", Conference on Computing and Control Technologies CCCT 2009, July 2009

12- H. Issa, J.-M. Duchamp, S. Abou-Chahine, and P. Ferrari, « Loaded Miniature Transmission Lines Compatible with Low Cost Substrates: Q-Factor Improvement », 40th European Microwave Conference, Paris, France, Sept. 2010.



13- H. Issa, J.-M. Duchamp, S. Abou-Chahine, and P. Ferrari, « Miniature DBR with Series Capacitive Loading », 10th Mediterranean Microwave Symposium, Cyprus, 25-27 Aug. 2010.

14- H. Issa, J.M. Duchamp, Soubhi Abou- Chahine, et P. Ferrari, « Filtre DBR miniature d'ordre deux », 17èmes Journées Nationales Microondes, Brest, May 2011.

15- Damaj, A.; Chahine, S. A. & Damaj, I, The Design and Implementation of Electrically Small Reconfigurable Patch Antennas, IEEE GCC Conference and Exhibition: For Sustainable Ubiquitous Technology, 2011, 198-201

16- H. Issa, J.M. Duchamp, Soubhi Abou-Chahine, and P. Ferrari, « Compact Semi Lumped Two-Pole DBR Filter with Spurious Suppression », **IEEE Asia Pacific Microwave Conference**, Melbourne, Australia, pp.425-428, 5-8 Dec. 2011.

17- H. Issa, J.M. Duchamp, Soubhi Abou-Chahine, and P. Ferrari, « Capacitive Loading for Miniaturization and Performance Improvement of Transmission Lines, » **IEEE 2nd International Conference on Advances in Computational Tools for Engineering Applications (ACTEA)**, Beirut, Lebanon, pp. 156-160, 12-15 Dec. 2012

Quality of Higher Education Publication

1- Bassem Kaissi, Sobhi Abou Chahine, Ahmad Al Jammal, “ Towards a New Higher Education Quality Assurance System for Lebanon”, International Network for Quality Assurance Agencies in Higher Education INQAAHE Conference, UAE, March 09

2- Bassem Kaissi, Sobhi Abou Chahine, Ahmad Al Jammal, "Examining Quality Assurance Processes In Lebanese Higher Education Institutions" 2011 Las Vegas International Education Conference Las Vegas, Nevada, October 10-12, 2011.

10. Professional development activities in the last five years

- 1997-1998 Member of the examining committee for the recruiting of officer engineers at the national level, Ministry of Defense, Lebanese Republic
- 1997-1998 Academic Advisor (Preparation of the telecommunication curriculum for the GTR. Department), Lebanese University, Institut Universitaire de Technologie, Saida, Liban.
- 1996-1998 Member of the committee for Curriculum reform in Electronics (BT and TS), Coordinator of the Electronics curriculum comity (BT and TS), Ministry of Technical and Professional Education (METP)
- 2010-2014 Advisor to the minister of Education and Higher Education (Higher Education, Vocational and Technical Education)