

EDUCATION

- ❑ 2017 : Doctor on communication degree from the National Engineering School of Tunis
- ❑ 2006 : Research Master's degree from the High School of Communication "Sup'Com"
- ❑ 2004 : Engineering degree specialty mobile wireless communications from the High school of Communication "Sup'Com".

AREA OF SEARCH

- ❑ Cognitive Radio, Resource Allocation, Optimization Theory Game theory
- ❑ Graphic theory, Probability Theory
- ❑ Energy and spectrum efficiency
- ❑ 5G and beyond networks

PUBLICATIONS:

Journal publications

- 1) "How to Meet Increased Capacities by Future Green 5G Networks: A Survey," in IEEE Access, vol. 7, pp. 42220-42237, 2019, doi: 10.1109/ACCESS.2019.2907284.
- 2) "Stochastic geometry model to analyze 5G energy efficiency based on a novel dynamic spectrum access scheme" journal on Transactions on Emerging Télécommunications Technologies, Volume 27, 2016
- 3) "Energy Efficiency in Heterogeneous Wireless Networks Using Cognitive Monitoring Strategy" conference on IEEE 2014 European Modelling Symposium, Pisa, 2014, pp. 387-391

Conference proceedings

- 4) "A New Sensing Strategy for 5G Mobile Networks: Towards Spectral and Energy Efficiency Trade off" conference on IEEE 30th International Conference on Advanced Information Networking and Applications (AINA), Switzerland, 23-25 March, 2016, vol. 00, no. , pp. 155-159, 2016.
- 5) "A novel cognitive MAC layer protocol towards 5G spectrum and energy Efficiency » conference on IEEE International Conference on Software, Telecommunications and Computer Networks (SoftCOM), Split, 2016, pp. 1-5.
- 6) "Virtual Coordination Protocol towards 5G-Interference Mitigation:Modelling and Performance Analysis » conference on the 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017, Spain, June 26-30, 2017
- 7) "Energy Efficiency Performance for 5G Cellular Networks "conference on the 15th IFIP international Conference, WWIC 2017, St. Russia, June 21-23, 2017

WORK EXPERIENCE

- ❑ 2020-present: Assistant professor @ ISIKEF
- ❑ 2019-2020: CEO digi smart solutions
- ❑ 2004-2019 : a chief engineering on the Centre of Excellence for Applied Research & Training (CERT) assigned to the "CERT LABS" for the EMC measurements.
- ❑ 2016: A trainer for an ITU Training Course on radio measurement "Radio compliance test "
- ❑ 2018 : A committee organizer member for the IS'NOT 2018 (Innov'School of Network of Things) event
- ❑ 2018: A committee organizer member for the EPCEM 2018(Electro-Magnétique school) event

PROFESSIONAL TRAININGS

- ❑ 2014: Training on “setting of the metrological operating programs”, PCAM program
- ❑ 2013 : Training on “Methodologies for emission and immunity measurements and EMC investigation techniques”, PCAM program
- ❑ 2013: Training on emission and immunity measurements and EMC investigation techniques, PCAM program
- ❑ 2012: Practical implementation for EMC measurements, PCAM program
- ❑ 2010 : Training on “Methodologies for 3GPP standards measurements”
- ❑ 2010: An internship in the EMC lab EMITECH in France
- ❑ 2009 :Training on security in wireless networks assigned with STONGATE enterprise
- ❑ 2007 : Training on WIFI and WIMAX networks

SKILLS

❑ EMC

- ❑ Logiciels EMC : BAT-EMC, ACC'SYC.
- ❑ Civil standards : CISPR 11, CISPR 16, CISPR 22, EN 61000
- ❑ Automotive standards CISPR 25
- ❑ Testing mode :conducted and radiated test mode for the emission and immunity measurement

❑ Radio

- ❑ 3GPP TS 51.10 and 3GPP TS 134. : 2G, G, 4G radio measurements
- ❑ EN 300 328, E 300 330 and EN 300 220 radio measurements (EIRP, Bandwith, out of band, spurious, frequency error, etc)

❑ Metrology

- ❑ Antenna calibration
- ❑ SAC 10 calibration
- ❑ AMN, ISN parameters (insertion loss, impedance, division factor, reflexing coefficient, etc.)
- ❑ S-Parameters measurement
- ❑ Uncertainty calculation CISPR 16.4.1

❑ Measuring instruments

- ❑ Oscilloscope, network analyzer, spectrum analyzer, amplifier, antenna, radio frequency generator, Agilent 8960 emulator

❑ Computer&E

- ❑ Matlab simulation
- ❑ IoT hardware and platform
- ❑ Cloud
- ❑ IA
- ❑ C programming
- ❑ Java programing

PROFESSIONNEL SKILLS

Develop my acquired knowledge and serve in my company

LANGUAGES

- ❑ English: fluent, spoken and written.
- ❑ French: fluent, spoken and written
- ❑ Arabic: mother language.

CENTERS OF INTEREST

- ❑ Music and sport practices.