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- ✓ Professor in the National School of Applied Sciences at the Sidi Mohamed Ben Abdellah University (USMBA), Fez, Morocco.
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WORK EXPERIENCE

Professor – ENSA, USMBA

2018 - Present

Professor in the National School of Applied Sciences at the Sidi Mohamed Ben Abdellah University (USMBA), Fez, Morocco.

UNIVERSITY TEACHING EXPERIENCE:

- o Cisco Switching & Routing
- o Telephony: from PSTN to wireless
- o Optical fiber transmission
- o Network architecture
- o Antennas and Wireless Technologies

Network and systems engineer – FST, USMBA

2011 – 2018

Network and systems engineer and IT department manager at FST, Fez, USMBA.

- o Network and server infrastructure administration.
- o Management and supervision for the IT practical work rooms.
- o Management of the FST Fez website.
- o Supervision of the online student management platform.
- o Supervision of the C.E.D management platform at the FST in Fez.

EDUCATION

Sidi Mohamed Ben Abdellah University/ Laboratory: Signals, Systems and Components, FST Fez.

2012 – 2016

Doctorate in Physics, option: Telecommunications.

Title of the thesis: Optimization of the LTE radio interface: Management of downlink inter-cell interference.

The National Institute of Posts and Telecommunications of Rabat (INPT), Morocco.

2008 - 2010

Engineer training in Telecommunications at the National Institute of Posts and Telecommunications of Rabat (INPT).

Sidi Mohamed Ben Abdellah University/ FST FEZ.

2004 - 2008

Master's degree in IEAA, Computer Electronics, Electrotechnical Automatic at the Faculty of Sciences and Techniques of Fez (F.S.T), Department of Electrical Engineering.

Adarissa high school, FEZ, Morocco.

2003 - 2004

Baccalaureate in Experimental Sciences.

Publications & Research Production

PUBLICATIONS:

- Multi Band OFDM Alliance Power Line Communication System, M.FATTAH, M. A BDELLAOUI, D. D AGHOUI, S . MAZER, M. ELGHAZI, M. EL BEKKALI, Y. BALBOUL , A. BOUAYAD, Procedia Computer Science Volume 151, 2019, Pages 1034-1039.
- Energy harvesting based WBANs: EH optimization methods, MarwaBOUMAI Z, M. ELGHAZI, S.MAZER, M.FATTAH, A.BOUAYAD, Y. BALBOUL, Procedia Computer Science Volume 151, 2019, Pages 1040-1045.
- Inter-cell Interference Mitigation through Flexible Resource Reuse, LP-OFDM and Coordination techniques for LTE Advanced in Dense Urban Area, Younes BALBOUL, Najiba EL AMRANI EL IDRISSE, ELKOMNIKA Indonesian Journal of Electrical Engineering (IAES), Vol 3, No 3: September 2016, pp. 527-533.
- LTE multi-cellular system in urban environment: inter-cell interference Impact on the Downlink radio transmission, Younes BALBOUL, Najiba EL AMRANI EL IDRISSE, International Journal of Innovations in Engineering and Technology (IJIET), Vol. 4, juin 2014.
- LTE Inter-Cell interference management to improve the quality reception in downlink radio resources links, Younes BALBOUL, Fatiha MRABTI, Najiba EL AMRANI EL IDRISSE, Signals, Systems and Components Lab. Faculty of Science and Technology, Fez, Morocco, INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATION ENGINEERING & TECHNOLOGY (IJECET), Volume 5, Issue 3, March (2014), pp. 51-57.

COMMUNICATIONS AT National and International CONFERENCES:

- MODELING OF AN OBSTACLE DETECTION CHAIN IN A VEHICULAR ENVIRONMENT, Dounia Daghouj, Said Mazer, Younes Balboul, Atika Menhaj and Laila Sakkila, The 7th Mediterranean Congress of Telecommunications "CMT'2019".
- Performance & Energy Consumption Metrics Of A Data Center According To The Energy Consumption Models Cubic, Linear, Square And Square Root, Saad-Eddine Chafi, Balboul Younes, Said Mazer and Mohammed Fattah, The 7th Mediterranean Congress of Telecommunications "CMT'2019".
- Compatibility of NDN Congestion Control Mechanisms with Internet of Things Traffic, Asmaa EL-Bakkouchi, Mohammed ELGhazi, Anas Bouayad, Said Mazer, Moulhime EL Bekkali1, Mohammed Fattah and Younes Balboul, (ESAI'19) International Conference On Embedded Systems And Artificial Intelligence 2019.
- Les Architectures ICN pour l'Internet des Objets (IoT), Asmaa EL-Bakkouchi, Mohammed EL Ghazi, Moulhime EL Bakkali, Said Mazer, Younes Balboul, JDPD SIT 2018.
- Cloud Computing State Of The Art Research Issues, Chafi Saad-Eddine, Balboul Younes, Mazer Said, Fattah Mohammed, JDPD SIT 2018.
- Techniques d'ingénierie pour la réduction des interférences intercellulaires dans les réseaux LTE évolué en milieu urbain, Younes Balboul, Fatiha Mrabti, Najiba EL AMRANI EL IDRISSE, FST FES, JDLSSC 2016, 20 Décembre 2016.
- LTE - Improving Quality Reception in Downlink Radio Resources Links, Younes BALBOUL, Fatiha MRABTI, Najiba EL AMRANI EL IDRISSE, Casablanca, Morocco, International Conference on Telecommunications (ICT), Mai 2013.

Colloquiums, conferences and interventions

- Member of the organizing committee and the scientific committee of the conference : The 7th Mediterranean Congress of Telecommunications, « CMT' 2019 », October 24-26 2019 Fez, Morocco.
- Member of the scientific committee of the conference: The 4th International Conference On Big Data and Internet of Things, « BDIOT'19 », 23-24 October 2019, Tangier, Morocco.
- Member of the scientific committee of the conference: International Conference On Embedded Systems And Artificial Intelligence, « ESAI'19 », May 02-03, 2019 Fes, Morocco.
- Member of the scientific committee of the conference : International Workshop on Microwave Engineering, Communications Systems and Technologies, « MECST'2019 », April 29 to 02 May 2019, Leuven, Belgium.
- Member of the scientific committee of the conference: the international conference on Wireless Technologies, embedded and intelligent Systems, « WITS-2019 », April 03-05, 2019 Fes, Morocco.
- Member of the organizing and scientific committee of the conference: Doctoral and Post Doctoral Day: Information Systems and Telecommunications, "JDPD SIT 2018", December 26, 2018 Fes, Morocco.



Certifications



Data Science and Big Data Analytics

Dell EMC

Délivré en mars 2018 · Aucune date d'expiration

ID Verification Code: CZ6ZS2JR1BB417SJ du diplôme



HCIA-IOT

Huawei

Délivré en juil. 2020 · Expire juil. 2023

ID 010101901541808043171409 du diplôme

[Voir la référence](#)



HCIA-5G

Huawei

Délivré en juil. 2020 · Expire juin 2023

ID 010103866054180803925518055 du diplôme

[Voir la référence](#)



HCIA-Routing&Switching

Huawei

Délivré en mars 2019 · Expire févr. 2022

ID 010100101541807626091409 du diplôme

[Voir la référence](#)



HUAWEI Certified Academy Instructor

Huawei Technologies

Délivré en mars 2019 · Expire févr. 2022

ID 021100103541807626091417 du diplôme

