

الاسم : نبيل عمار التبان.
الجنسية: تونسية.
البريد الإلكتروني: ntabbane@kfu.edu.sa / nabil.tabbane@supcom.tn

الشهادات:

التأهيل الجامعي (دكتوراه دولة سابقا) في تكنولوجيا المعلومات و الاتصال من المدرسة العليا للمواصلات بتونس (SUP'COM -- جامعة قرطاج) ، مايو 2010.
دكتوراه في تكنولوجيا المعلومات و الاتصال تحت إشراف مشترك بين جامعة فرساي سان كوينتين أون إيفلين (فرنسا) و SUP'COM (تونس) ، يوليو 2006.
ماجستير في علوم الكمبيوتر من المعهد الأعلى للتصرف بتونس (ISG - تونس) (التخصص: نمذجة والتصرف في تكنولوجيا المعلومات) ، 1995.
مهندس كمبيوتر من المدرسة الوطنية للعلوم الإعلامية بتونس (ENSI) ، 1991.

الخبرة المهنية:

-- المدرسة العليا للمواصلات بتونس SUPCOM --

منذ ديسمبر 2015 أستاذ تعليم عالي في SUPCOM.
بين جانفي 2011 و نوفمبر 2015 أستاذ محاضر في SUPCOM.
بين نوفمبر 2010 و جوان 2011 مدير الدراسات في SUPCOM.
بين جوان 2007 و جانفي 2011 أستاذ مساعد في SUPCOM.
بين سبتمبر 2004 و جوان 2007 مساعد في SUPCOM.
بين سبتمبر 2000 و سبتمبر 2004 مهندس - بوظيفة مدرّس في SUPCOM.

-- المركز القطاعي للتكوين في الاتصالات بحي الخضراء --

من ديسمبر 1995 إلى سبتمبر 2000 مهندس- مكوّن

-- وزارة التجهيز والإسكان --

من ديسمبر 1991 إلى فيفري 1994 (فيفري 1994 هو تاريخ إجازة للدراسة لمدة سنتين): مهندس الأنظمة ووضع برامج • تطوير تطبيقات إدارة المباني المدنية والجسور ، باستعمال ORACLE و UNIX.

وحدات تدريس التي تم تدريسها في SUPCOM :

- دروس في مرحلة الهندسة -

1. Administration and Network Management.
2. System and Network Monitoring
3. NGN (Next Generation Network)
4. Development and Integration of Internet Applications.
5. WLAN.
6. CISCO Training: CCNA 1, 2, 3 and 4.
7. Linux practice.

- دروس في مرحلة الدكتوراه -

- Mobility Management and Security of Wireless Networks.

الدورات التي تم تدريسها في الخارج :

Master training at National School of Posts, Telecommunications and Information and Communication Technologies (SUP'PTIC)- Yaounde (Cameroon)
في ياوندي (الكاميرون)

1. Operating System and Linux Practice (May 14 to 18, 2012 and December 2 to 7, 2013 and January 19 to 23, 2015).
2. WLAN (December 9 to 14, 2013) and (November 10 to 17, 2015).
3. Cloud Computing (January 24 to 27, 2015).

Specialized Master Course at ESATIC: African Higher School of ICT- Abidjan (Ivory Coast):
في أبيدجان (ساحل العاج)

1. Administration and Monitoring of Systems and Networks.

دورة على شبكة الإنترنت :

Co-author of an online course for Professional Master (option: Free Software), *Virtual University of Tunisia*, entitled "Fundamentals of Computer Networks".

MOOC

MOOC Project Leader "**L'essentiel pour Maîtriser Linux**"
http://www.mooc-linux.net/equipe_pedagogique.html

جائزة أفضل استاذ – SUPCOM 2009/2010

مشاريع مهنية:

1. - Development of an insurance company's Information System in Bamako on Voluntary Insurance "AV+" (Mali).
2. - Development of the Single Window Information System of the Directorate General for Private Sector Promotion DGPSP in Nouakchott (Mauritania).
3. - Development of the SFM Group Information System (Tunisia).
4. - Audit and Evaluation of the Performance of the IT System of the National Social Security Fund of the Republic of Congo.
5. - Development of a Model for Determining the Costs of Training Human Resources in the Telecommunications and ICT Sector in Cameroon.
6. - Security audit of the information system of the municipality of Tunis with reference to ISO 17799 and proposal of a solution based on STONESOFT products.
7. - Design, implementation and evaluation of an OpenFlow Switch controller for HIPerNET, in collaboration with the École Normale Supérieure de Lyon and INRIA Rhône Alpes.
8. - Study tool for adding 3G capacity, in collaboration with Intercom Technologies-France.
9. - Design and development of an HP agent supervision solution and case file processing management, in collaboration with HP Tunisia.
10. - Development of an application to measure and monitor the Orange 3G Internet QoS, in collaboration with France Telecom.
11. - Study, Implementation and Test of a Migration Procedure of an IPv4-Multicast VPN Backbone to an IPv6-Multicast VPN Backbone on a CISCO platform, in collaboration with Orange Tunisie.
12. - Implementation of an open-source VoIP solution for a call center, in collaboration with Tunisiana.
13. - Design and development of a mobile tracking solution on Android, in collaboration with Telnet.
14. - Modeling and development of a traffic prediction tool for the Backhauling network of Orange Tunisia, in collaboration with Orange Tunisie.
15. - Migration from MSS to IMS Solution and Dimensioning, in collaboration with ERICSSON.
16. - Study of IP Multimedia Subsystem Core Network Solution and Session Initiation Protocol with Creation of SIP Generator, in collaboration with ERICSSON.
17. - Development of a sizing tool for the 2G / 3G core network, in collaboration with Orange Tunisie.
18. - "Securing a n-tier LAMP platform", in collaboration with BILOG.
19. - "Study and Implementation of a Security Solution for Networks, Web Servers and Databases in a Business Context", in collaboration with iCode Information Security.

تأطير الماجستير:

1. "Implementation of a group mobility model in ad hoc context for performance evaluating of a unicast and multicast traffic," carried by Fatiha Ben Cheikh, December 21, 2006.
2. "Routing and Load Balancing in Ad Hoc networks and optimization of energy consumption", carried by Ramzi Akkar in 2007.
3. "Real-time QoS in sensor networks," carried by Wafa Ben Jabalah in 2007.

4. "QoS Routing and Load Balancing in Ad Hoc networks", carried by Zaghbi Haifa in 2007.
5. "Evaluation of the impact of two mobility models Random Waypoint and Reference Point Group Mobility on the performance of the unicast and multicast AODV routing protocols with QoS aspect", carried by Dhia Sultan in 2007.
6. "Proposal of an approach to publishing and discovery decentralized Semantic Web Services using a P2P network based on enhanced Chord protocol" carried by Asma Adala in 2009.
7. "Convergence and Mobility Management within multi-service environments for heterogeneous networks", carried by Imen Hedfi in 2009.
8. "Routing in wireless mesh 802.11s networks", carried by Mariem Thaalbi in 2010.
9. "Management of the Multi-Channel and Multi-Radio 802.11s Mesh Networks", carried by El Mouna Ghaya Zhioua in 2010.
10. "Management Solutions for Mobility in WLAN networks", carried by Imene Khamessi in 2010.
11. "Implementing the MIH mechanism for supporting the vertical handover between WiFi and WiMax networks", carried by Meriam Bouzouita in 2010.
12. "Multi-Radio technology to improve the scheduling in the 802.11s mesh networks," carried by Hend Baklouti in 2011.
13. "Multi-behavior and Reliable broadcast protocol in Vehicular Environment" carried by Meriam Essaies in 2011.
14. "Routing with low power consumption and QoS constraints in wireless sensor networks", carried by Raja Ben Abdessalem in 2012.
15. "Convergence of multiservice heterogeneous environments for home networks", carried by Marwa Chamekh in 2013.
16. "Coupling between security mechanisms and multipath routing protocols with load balancing in mobile Ad hoc networks ", carried by Amira Barki 2013.

تأطير الدكتوراه:

1. June 10, 2010, Tarek BCHINI successfully defended his PhD thesis on: "Mobility Management in 4G Networks and Interconnection with WLAN, 3G, 3G + and Satellite Networks".
2. February 06, 2014, Mariem Thaalbi, successfully defended his PhD thesis on: "Routing and Interoperability over Heterogeneous Networks for Real Time Traffic".
3. May 30, 2014, Ghaya El Mouna Zhioua, successfully defended his PhD thesis on: "Cooperation VANET – 4G Cellular Infrastructure: Quality of Service and Performances".
4. June 28, 2014, Mohamed Tekaya, successfully defended his PhD thesis on: "Routing and real-time QoS in Ad Hoc networks for transmitting multimedia streams using an error control protocol FEC and optimization of energy consumption".
5. January 08, 2015, Asma ADALA, successfully defended his PhD thesis on: "Novel Approaches for Automatic Discovery and Composition of Semantic Web Services Integrated to a Query-based Framework".
6. May 23, 2015, Sinda Boussen, successfully defended his PhD thesis on: "Managing mobility and quality of service in next-generation IP networks."
7. March 11, 2017, Nabil Torjemen, successfully defended his PhD thesis on: "On development of efficient and robust cooperative networks".

8. January 16, 2018, Eya Dhib Hamdani, successfully defended his PhD thesis on: "Cloud Resource Allocation and QoE Impacts of Massively Multiplayer Cloud Gaming Services".
9. January 22, 2018, Mariem Essaies, successfully defended his PhD thesis on: "On Task scheduling and Execution Cost Optimization in Cloud Computing".
10. August 20, 2018, Emna Daknou, successfully defended his PhD thesis on: "Fast Clustering, Dynamic MAC Assignment Scheduling and Efficient Emergency Dissemination under V2V Communications".

المنشورات:

مؤلف وشارك في تأليف أكثر من 80 منشوراً في المجلات والمؤتمرات الدولية -

المشاريع الوطنية والدولية:

1. STIC DGRST Project - INRIA 06/15 2006/2007, between INSA Lyon (CITI Laboratory / INRIA) and SUPCOM (Research Unit: MEDIATRON - Tunis) entitled "Characterization of QoS in ad hoc networks in real condition of mobility and propagation."
2. STIC DGRST Project - INRIA 08/07 2007/2008 between the TRIO team, LORIA-INRIA Nancy laboratory and SUPCOM (Research Unit: MEDIATRON - Tunis) entitled "Real-time QoS in wireless sensor networks".
3. TEMPUS Project: I have participated in the reform of the SUPCOM' Study Plan in 2008.

المشاركة في المشاريع الوطنية والدولية

1. STIC DGRST Project - INRIA 06/15 2006/2007, between INSA Lyon (CITI Laboratory / INRIA) and SUPCOM (Research Unit: MEDIATRON - Tunis) entitled "Characterization of QoS in ad hoc networks in real condition of mobility and propagation."
2. STIC DGRST Project - INRIA 08/07 2007/2008 between the TRIO team, LORIA-INRIA Nancy laboratory and SUPCOM (Research Unit: MEDIATRON - Tunis) entitled "Real-time QoS in wireless sensor networks".
3. TEMPUS Project: I have participated in the reform of the SUPCOM' Study Plan in 2008.

تنظيم مؤتمرات:

1. Member of the scientific committee of the International Conference eSCo-Wi 2006 and eSCo-Wi 2007.
2. Member of the organizing committee of the Francophone Colloquium on the "Network Management and Services" GRES 2007 in Hammamet, from 05 to 08 November 2007.
3. Member of the organizing committee of the dissemination seminar organized as part of the Tempus project JEP 31006 on the occasion of the 10th anniversary of SUPCOM on October 17, 2008.
4. Local Arrangement Co-chair in the Global Information Infrastructure Symposium (IEEE GIIS 2009), June 23rd - 25th, 2009, Hammamet, Tunisia.
5. Member of the Technical Program Committee of The 6th International Conference on Frontier of Computer Science and Technology FCST-2011.
6. Local Organization Co-Chairs at the 2012 ICCIT Conference: The Second International Conference on Communications and Information Technology.
7. I participated in the organization of a special issue as Guest Editor in the Journal of Advances in Multimedia - Hindawi, Special Issue "Web Services in Multimedia Communication 2012".
8. I organized as a Program Chair a school on Cloud Computing in Hammamet from 15 to 19 December 2013 entitled "The International Cloud Computing School" (ICCS 2013).
9. Member of the Technical Program Committee of the Global Information Infrastructure and Networking Symposium GIIS 2013, GIIS 2014 and GIIS 2015.
10. I evaluated a research project within the framework of Tunisian-French cooperation (DGRS-CNRS 2014-2015).
11. Member of the Technical Program Committee of the Fourth International Conference on Communications and Networking - ComNet'2014.
12. Member of the Technical Program Committee of the Fifth International Conference on Communications and Networking - ComNet'2015.
13. Member of the Technical Program Committee of the International Symposium on Ubiquitous Networking - UNet'2015.
14. Member of the Technical Program Committee of the Thirteenth International Conference on Networks - ICN 2014.
15. Member of the Technical Program Committee of the Fourteenth International Conference on Networks Conference - ICN 2015.
16. Member of the Technical Program Committee of the Workshop International Workshop on Mobile Smart Security Systems jointly organized with MedICT 2015: Mediterranean Conference on Information & Communication Technologies'2015.
17. Panelist at the Seminar on the Application of Operational Research and Decision Support in Enterprises organized by the ESATIC *African Higher School of ICT*, April 25 and 26, 2017, Abidjan, Ivory Coast.

مصادقات:

1. RHCE Red Hat Certified Linux.
2. Certified CISCO IT Essentials I (Instructor)
3. Certified CISCO IT Essentials II (Instructor)
4. Certified CISCO CCNA 1 (Instructor)
5. Certified CISCO CCNA 2 (Instructor)
6. Certified CISCO CCNA 3 (Instructor)
7. Certified CISCO CCNA 4 (Instructor)
8. CISCO Certified WLAN (Instructor)

أنشطة أخرى:

1. عضو لجنة الانتداب و الترقية بوزارة تكنولوجيا الاتصالات والنقل (رتبة: فني أول، فني ومساعد فني) في 2002.
2. عضو لجنة انتداب مهندسي وزارة تكنولوجيا الاتصالات والنقل في ديسمبر 2003 و جانفي 2004.
3. مكوّن في حلقة دراسية حول UNIX لمهندسي "اتصالات تونس" في 2006
4. مؤسس نادي "FreeSoft'Com" في SUPCOM في 2007.
5. مؤسس أكاديمية "Linux Professional Institute" : LPI في SUPCOM في 2007.
6. عضو اللجنة العلمية للمؤتمر الدولي eSCo-Wi 2006 et eSCo-Wi 2007.
7. عضو المجلس العلمي في SUPCOM منذ جوان 2008.
8. عضو لجنة "نظام المعلومات" في SUPCOM في 2008.
9. تطوير المناهج الدراسية للماجستير المهني في SUPCOM منذ 2008.
10. منسق دورة الماجستير المهني في SUPCOM منذ 2008.
11. عضو لجنة الماجستير "في بحوث الاتصالات" في SUPCOM منذ جوان 2009.
12. عضو لجنة الدكتوراه في SUPCOM منذ فبرفي 2011.
13. - أستاذ زائر في مختبر معالجة ونقل المعلومات "مختبر المعلومات والاتصالات" (L2TI) في جامعة باريس 13 خلال شهري مايو / أيار ويونيو / حزيران 2015.