

Jacques Bou Abdo

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Biography

Jacques Bou-Abdo received his Engineering degree in Telecommunication from the Lebanese University, in 2009, and his Master's degree in Telecommunication Networks in 2012, through a joint program between several universities. He obtained his Doctorate in Communication Engineering and Computer Science from UPMC, Sorbonne University, (Paris 6), France. Before joining Notre Dame University-Louazie, he worked at Nokia Siemens Networks, in different positions, and served as VAS Level 2 Support Engineer (2009-2012), and taught at several universities in Lebanon in 2012. Jacques is currently an assistant professor at the computer science department at NDU and is also the FNAS coordinator at NDU-Shouf Campus. He is currently interested in research areas related to "Mobile Cloud Computing" and "Big Data".

Peer-reviewed Journals

International

- Bou Abdo, J., Chaouchi, H., and Demerjian, J. (2012) Security v/s QoS for LTE Authentication and Key Agreement protocol. International Journal of Network Security & Its Applications, September special issue on Communications Security & Information Assurance.
- Bou Abdo, J., Bourgou T., Demerjian, J., and Chaouchi, H. (2016) Extended Privacy in Crowdsourced Location-Based Services Using Mobile Cloud Computing. Mobile Information Systems 2016.
- Hamandi, K., Bou Abdo, J., Elhajj I., Kayssi A., and Chehab, A. (2016) A privacy-enhanced computationally-efficient and comprehensive LTE-AKA. Computer Communications

Peer-reviewed Conference Proceedings

Local

- Bou Abdo, J., Chaouchi, H., and Aoude, M. (2012) Ensured Confidentiality Authentication and Key Agreement Protocol for EPS. 3rd Symposium on Broadband Networks and Fast Internet, IEEE, Lebanon.
- Bou Abdo, J., Demerjian, J., Chaouchi, H., Barbar, K. and Pujolle, G., (2014) Single-Sign-on in Operator Centric Mobile Cloud Architecture. 17th IEEE Mediterranean Electrotechnical Conference (IEEE Melecon 2014), Lebanon.
- Bou Abdo, J., Demerjian, J., Chaouchi, H., Barbar, K. and Pujolle, G., (2014) Federation means cash. The Third International Conference on e-Technologies and Networks for Development 2014, IEEE, Lebanon.
- Bou Abdo, J., Demerjian, J., Chaouchi, H. and Atechian, T., (2015) Privacy using mobile cloud computing. 2015 Fifth International Conference on Digital Information and Communication Technology and its Applications, IEEE, Lebanon.

International

- Bou Abdo, J., Demerjian, J., Ahmad, K., Chaouchi, H. and Pujolle, G. (2013) EPS mutual authentication and Crypt-analyzing SPAKA. The International Conference on Computing, Management and Telecommunications, IEEE, Vietnam.
- Bou Abdo, J., Demerjian, J., Chaouchi, H. and Pujolle, G. (2013) EC-AKA2 a revolutionary AKA protocol. The International Conference on Computer Applications Technology, January, IEEE, Tunisia.
- Bou Abdo, J., Demerjian, J., Chaouchi, H., Barbar, K. and Pujolle, G. (2013) Broker-Based Cross-Cloud Federation Manager. The 8th International Conference for Internet Technology and Secured Transactions (ICITST-2013), IEEE, United Kingdom.
- Bou Abdo, J., Demerjian, J., Chaouchi, H., Barbar, K. and Pujolle, G., (2014) Operator Centric Mobile Cloud Architecture. IEEE Wireless Communications and Networking Conference (IEEE WCNC 2014). Turkey.
- Bou Abdo, J., Sarji, I., Elhajj, I., Chehab, A. and Kayssi, A. (2014) Application-Aware Fast Dormancy in LTE. The 28th IEEE International Conference on Advanced Information Networking and Applications - T04-Mobile Networks and Applications (IEEE AINA 2014), Canada.
- Bou Abdo, J., Demerjian, J., Chaouchi, H., Barbar, K. and Pujolle, G., (2014) Cloud federation? We are not ready yet. CSS 2014, IEEE, France.
- Bou Abdo, J., Demerjian, J., Chaouchi, H. and Atechian, T., (2015) Enhanced Revenue Optimizing SLA-Based Admission Control for IaaS Cloud Networks. 2015 3rd International Conference on Future Internet of Things and Cloud (FiCloud), IEEE, Italy.
- El Sibai, R., Atechian, T., Bou Abdo, J., Tawil, R. and J., Demerjian, (2015) Connectivity-aware service provision in vehicular cloud. 2015 International Conference on Cloud Technologies and Applications, IEEE, Morocco.
- Bou Abdo, J., Jreish, R., and Demerjian, J., (2016) Optimizing radio resource allocation in multicast mobile networks. 19th IEEE International Conference on Computational Science and Engineering (CSE 16).
- Bou Dargham, N., Bou Abdo, J., Demerjian, J., Makhoul, A., and Gueyeux, C., (2016) Investigating Low Level Protocols for Wireless Body Sensor Networks. 13th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2016)

Chapters in Books

International

- Bou Abdo, J., Demerjian, J., and Chaouchi, H. (2013) Security in Emerging 4G Networks. Next-Generation Wireless Technologies, ISBN 978-1-4471-5164-7, Springer 2013.

Exhibitions, Competitions and Creative Work

Local

Invited talk to 4th IEEE Lebanon Communication Research Day 2016

International

Invited talk to 12th Edition of The World Conference on Intellectual Capital for Communities held at UNESCO Paris.