# *List of Publications*

## Patent

[P1] **H. Haci**, H. Osman, H. Zhu, R. Sofia and L. Lopes, “Method and apparatus for communication in a wireless network,” Application number: Europe 13191667.8, 6 November 2013

## Book Chapters

[B2] **H.Haci**, H. Zhu and J. Wang, “Resource Allocation in User-Centric Wireless Networks,” Chapter in User-Centric Networking: Future Perspectives, LNSN, Springer, 2014

[B1] P. Mendes, W. Moreira, T. Jamal, **H.Haci** and H. Zhu, “Cooperative Networking in User-Centric Wireless Networks,” Chapter in User-Centric Networking: Future Perspectives, LNSN, Springer, 2014

## Journal Publications

[J3] L. Lopes, R. Sofia, **H. Haci** and H. Zhu, “A Proposal for Dynamic Frequency Sharing in Wireless Networks,” IEEE Transactions on Networking, Accepted, to Appear, 2015. **(SCI)**

[J2] A. Kostin, G. Oz and **H. Haci**, “A Restricted Flooding Mechanism for Efficient Anycast Server Localization in MANETs,” Wireless Networks, Springer, vol. 21, no. 5, pp. 1603-1612, December 2014. **(SCI)**

[J1] A. Kostin, G. Oz and **H. Haci**, “Performance Study of a Wireless Mobile Ad Hoc Network with Orientation-dependent Inter-node Communication Scheme,” International Journal of Communication Systems, vol. 27, no. 2, pp. 322-340, February 2014. **(SCI-Expanded)**

## Conference Papers

[C7] **H. Haci**, H. Zhu and J. Wang, “A Novel Interference Cancellation Technique for Non-orthogonal Multiple Access (NOMA),” IEEE Global Communications Conference (GLOBECOM2015), December 2015, San Diego, California, USA.

[C6] **H. Haci** and H. Zhu, “Performance of Non-orthogonal Multiple Access with a Novel Interference Cancellation Method,” IEEE International Conference on Communications (ICC2015), June 2015, London, UK.

[C5] L. Lopes, R. Sofia, H. Osman and **H. Haci**, “A Proposal for Elastic Spectrum Management in Wireless Local Area Networks,” IEEE Conference on Computer Communications (INFOCOM2014) Demo Session, April 2014, Toronto, Canada.

[C4] **H. Haci** and H. Zhu, “Novel Scheduling Characteristics for Mixture of Real-time and Non-real-time Traffic,” IEEE Wireless Communications and Networking Conference (WCNC2013), April 2013, Shanghai, China.

[C3] **H. Haci**, H. Zhu and J. Wang, “Novel Scheduling for a Mixture of Real-time and Non-real-time Traffic,” IEEE Global Communications Conference (GLOBECOM2012), December 2012, Anaheim, California, USA.

[C2] **H. Haci**, H. Zhu and J. Wang, “Resource Allocation in User-Centric Wireless Networks,” IEEE 75th Vehicular Technology Conference (VTC2012), May 2012, Yokohama, Japan.

[C1] **H. Haci**, G. Oz and A. Kostin, “Performance study of a wireless mobile ad hoc network with orientation-dependent inter-node communication links,” International Symposium on Computer and Information Sciences (ISCIS2009), September 2009, Kalkanli, N. Cyprus.

## Technical Reports

[T2] R. Sofia, W. Moreira, J. Saltarin, A. Lopes, T. Jamal, V. Moreno, Q. Zhou, J. Seigneur, C. Ballester, **H. Haci**, H. Zhu, H. Osman, S. Peters, M. Yildiz and A. Bogliolo, “D3.8 - ULOOP Framework Design and Implementation Report,” SITILABS, University Lusofona, number SITI-TR-13-04, Technical Report, 2013.

[T1] R. Sofia, P. Mendes, W. Moreira, J. Saltarin, L. Lopes, Q. Zhou, J. Seigneur, C. Ballester, **H. Haci**, H. Zhu, H. Osman, S. Peters, M. Yildiz and A. Bogliolo, “ULOOP Deliverable D3a - Specification of ULOOP functionality based on flow-chart and link to code available on the ULOOP SVN server,” COPELABS, number COPELABS-SITI-TR-13-20, Technical Report, 2013.

## White Paper

[W1] P. Mendes, W. Moreira, C. Pereira, T. Jamal, A. Bogliolo, **H. Haci** and H. Zhu, “Cooperative Networking in User-centric Wireless Networks,” ULOOP White Paper 05, 2012.