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1. Scientific Publications and Communications

1.1 Book and Book Chapters (22; Computer Science: 13; Psychology: 9)

- [1] Antonio Oliveira Junior and Rute C. Sofia, Energy-awareness in Multihop Routing, Springer, LCNS Wireless Networking for Moving Objects, pp 137-156, volume 8611, Ed Ganchev, Curado & Kassler, 2014. ISBN 978-3-319-10834-6, DOI:10.1007/978-3-319-10834-6_8. (rank: Q2 SJR)

- [2] Rute C. Sofia, Tiago Condeixa and Susana Sargento, Mobility Estimation in the Context of Distributed Mobility Management, Chapter IV, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks, 2014, pp 289-310. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5. DOI: 10.1007/978-3-319-05218-2_14. **(rank: Q2 SJR)**
- [3] Michael Gorawski, Enrica Zola, Krzysztof Grochla, Francisco Barcelo-Arroyo, Israel Martin-Escalona, Andréa Ribeiro and Rute C. Sofia, New Trends in Mobility Modelling and Handover Prediction, Springer, LCNS Wireless Networking for Moving Objects, pp 88-114, volume 8611, Ed Ganchev, Curado & Kassler, 2014. ISBN 978-3-319-10834-6. DOI: 10.1007/978-3-319-10834-6_6 **(rank: Q2 SJR)**
- [4] Rute C. Sofia and Luis Amaral Lopes, Trust as a Fairness Parameter for Quality of Experience in Wireless networks, User-Centric Networking Lecture Notes in Social Networks 2014, pp 159-169, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5, May 2014. DOI: 10.1007/978-3-319-05218-2_8. **(rank: Q2 SJR)**
- [5] Rute C. Sofia, Paulo Mendes and Waldir Moreira Junior, User-centric Networking Living-Examples and Challenges Ahead, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks, 2014, pp 25-51, May 2014. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5. DOI: 10.1007/978-3-319-05218-2_2. **(rank: Q2 SJR)**
- [6] Namusale Chama, Antonio Oliveira Junior, Waldir Moreira Junior, Paulo Mendes and Rute C. Sofia, User-centric Networking. Routing Aspects, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks, 2014, pp 53-71, May 2014. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5. DOI: 10.1007/978-3-319-05218-2_3 **(rank: Q2 SJR)**
- [7] Rute C. Sofia, User-centric Networking: bringing the Home Network to the Core, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks, 2014, pp 3-23, May 2014. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5. DOI: 10.1007/978-3-319-05218-2_1. **(rank: Q2 SJR)**
- [8] Rute C. Sofia, Paulo Mendes, Huiling Zhu, Alessadro Bogliolo, Fikret Sivrikaya (TUB) and Paolo di Francesco, User-centric Networking: Cooperation in Wireless Networks, Springer, LCNS Wireless Networking for Moving Objects, pp 31-49, volume 8611, Ed Ganchev, Curado & Kassler, 2014. ISBN 978-3-319-10834-6. August 2014. DOI: 10.1007/978-3-319-10834-6_3. **(rank: Q2 SJR)**
- [9] Carlos Ballester Lafuente, Jean-Marc Seigneur, Rute Sofia, Christian Silva, Waldir Moreira, Trust Management in ULOOP, User-Centric Networking - Future Perspectives, Springer Lecture Notes in Social Networks, 2014, pp 107-119, May 2014. Ed. Aldini & Bogliolo, ISBN 978-3-319-05217-5, May 2014. DOI: 10.1007/978-3-319-10834-6_3. **(rank: Q2 SJR)**
- [10] Tauseef Jamal, Paulo Mendes "Cooperative Relaying for Wireless Local Area Networks", Springer Lecture Notes in Computer Science, Wireless Networking for Moving Objects: Models, Approaches, Techniques, Protocols, Architectures, Tools, Applications and Services, 2014
- [11] Paulo Mendes, Waldir Moreira, Tauseef Jamal, Huseyin Haci, Huiling Zhu, "Cooperative Networking In User-Centric Wireless Networks", Springer Lecture Notes in Social Networks, User-Centric Networking: Future Perspectives, ISBN 978-3-319-05217-5, May 2014. **(rank: Q2 SJR)**
- [12] Tauseef Jamal, Paulo Mendes, "Cooperative Relaying in User-Centric Wireless Networks", Springer Lecture Notes in Social Networks, User-Centric Networking: Future Perspectives, ISBN 978-3-319-05217-5, May 2014. **(rank: Q2 SJR)**
- [13] Waldir Moreira, Paulo Mendes, "Social-aware Opportunistic Routing: The new trend", Springer Book on Routing in Opportunistic Networks, ISBN 978-1-4614-3513-6, August 2013. **(rank: Q2 SJR)**

- [14] Gamito, P., Oliveira, J., Brito, R., & Morais, D.. Active Confluence: Active Confluence: A Proposal to Integrate Social and Health Support with Technological Tools. De Gruyter (Open Access). 2016.
- [15] Loureiro, A.; Veloso, S. Green exercise, health and well-being. Green exercise, health and well-being. In Handbook of Environmental Psychology and Quality of Life Research (pp. 149-169). Springer International Publishing. 2016
- [16] Joel Rosa, P. (2014). Gaze tracking in marketing research: bridging eye movements to consumer behavior in Ragusa A. (Frederiksberg: Ventus Publishing ApS, 2014)
- [17] Rosa, P.J.; Caires, C.; Costa, L.; Rodelo, L.; Pinto, L. Affective And Psychophysiological Responses To Erotic Stimuli: Does Color Matter? Newcastle upon Tyne: Cambridge Scholars Publishing, 2014.
- [18] A pupillometric approach to the study of the strength of memory signal following intra- and interhemispheric word recognition
- [19] Oliveira, J.; Morais, D.; Brito, R.; Lourenço, R.; Barata, F.; Gamito, P. (2014)
- [20] Gamito, P.; Oliveira, J.; Morais, D.; Brito, R.; Lourenço, R. & Barata, F. I see you, you see me: Inferring cognitive and emotional processes from gazing behaviour. Newcastle-upon-Tyne: Cambridge Scholars Publishing, 2014.
- [21] Gamito, P.; Laforest, M. & Bouchard, S. Obsessive-Compulsive Disorder and Virtual Reality - Psychological and Neurocognitive Interventions. Virtual Reality. (P. Sharkey Springer, 2013-12-01).
- [22] Lopes, P.; Morais, D.; Brito, R.; Saraiva, T.; Bastos, M.; Cristóvão, S.; Caçoete, C.; Picareli, F.; Gamito, P.; Oliveira, J. (2013). Assessment of frontal brain functions in alcoholics following a health mobile cognitive stimulation approach.

1.2 International Journal / Magazines/ Publications in Conference Proceedings

Journal/Magazines (35 - Computer Science:13; Psychology: 22)

- [23] Sarros, Christos-Alexandros; Diamantopoulos, Sotiris; Rene, Sergi; Psaras, Ioannis; Lertsinsrubtavee, Adisorn; Molina-Jimenez, Carlos; Mendes, Paulo; Sofia, Rute C.; Sathiaseelan, Arjuna; Pavlou, George; Crowcroft, Jon; Tsaoussidis, Vassilis. Connecting the edges: A universal, mobile-centric opportunistic communications architecture. IEEE Communications Magazine Special Issue on Human-Driven Edge Computing and Communication. To Appear, Nov 2017. **(rank: Q1 SJR)**
- [24] Costa, C., Sousa, C., Rogado, J., & Henriques, S. (2017). Playing Digital Security: Youth Voices on their Digital Rights. International Journal of Game-Based Learning (IJGBL), 7(3), 11-25. **(rank: Q2 SJR)**
- [25] Luis Lopes, Rute C. Sofia, Hassan Osman, Huseyn Haci, Huiling Zhu, Lopes, Luis Amaral, Rute Sofia, Huseyin Haci, and Huiling Zhu. "A proposal for dynamic frequency

- [sharing in wireless networks.](#)" IEEE/ACM Transactions on Networking 24, no. 5 (2016): 2621-2633. (rank: Q1 SJR).
- [26] Amah, T. E.;Kamat, M.;Moreira, Waldir;Bakar, K. A.;Mandala, S.;Batista, M. A.; [Towards next-generation routing protocols for pocket switched networks](#), Journal of Network and Computer Applications. [Volume 70](#), July 2016, Pages 51-88. (rank: Q1 SJR)
- [27] Waldir Moreira, Paulo Mendes, "[Pervasive Data Sharing as Enabler for Mobile Citizen Sensing Systems](#)", IEEE Communications Magazine, October 2015 (rank: Q1 SJR)
- [28] Waldir Moreira, Paulo Mendes, "[Impact of Human Behavior on Social Opportunistic Forwarding](#)", Elsevier Ad Hoc Networks, Volume 25, Part B, Pages 293-302, February 2015 (rank: Q1 SJR)
- [29] Tauseef Jamal, Paulo Mendes, "[Cooperative Relaying in Dynamic Wireless Networks under Interference Conditions](#)", IEEE Communications Magazine, Special issue on User-centric Networking and Services, December 2014 (rank: Q1 SJR)
- [30] Paulo Mendes, "[Combining Data Naming and Context Awareness for Pervasive Networks](#)", Elsevier Journal of Network and Computer Applications, Special Issue on Information-Centric Network Architecture, Protocols, Algorithms and Applications, October 2014 (rank: Q1 SJR)
- [31] Ronedo Ferreira, Waldir Moreira, Paulo Mendes, Mario Gerla, Eduardo Cerqueira, "[Improving the Delivery Rate of Digital Inclusion Applications for Amazon Riverside Communities by Using an Integrated Bluetooth DTN Architecture](#)", International Journal of Computer Science and Network Security, Vol.14, no.1, January 2014.
- [32] R. C. Sofia, Paulo Mendes, José Manuel Damásio, Sara Henriques, Fabio Giglietto, Erica Giambitto and Alessadro Bogliolo, [Moving Towards a Socially-Driven Internet Architectural Design](#) (2012), in: ACM SIGCOMM CCR Newsletter, 42:3. DOI: 10.1145/2317307.2317316. (rank: Q1 SJR)
- [33] Tauseef Jamal, Paulo Mendes, Andre Zuquete, "[Wireless Cooperative Relaying Based on Opportunistic Relay Selection](#)", International Journal On Advances in Networks and Services, Vol. 5, no. 1&2, July 2012.
- [34] Waldir Moreira, Paulo Mendes, Susana Sargento, "[Assessment Model for Opportunistic Routing](#)", IEEE Latin America Transactions, Vol 10 Issue 3 April 2012 (rank: Q2 SJR)
- [35] Namusale Chama and Rute C. Sofia, [A Discussion on Developing Multihop Routing Metrics Sensitive to Node Mobility](#), in: Journal of Communications, Vol 6:1 pp 56-57, January 2011. DOI: 10.4304/jcm.6.1.56-67. (rank: Q1 SJR)
- [36] Hunt, C. H.; Piccoli, V.;Carnaghi, A.;Di Blas, L.;Bianchi, M.; Stefani, H.;Pelamatti, G. M. & Cavallero, C.; [Adolescents' appraisal of homophobic epithets: The role of individual and contextual factors](#),(2016-10), doi.org/10.1080/00918369.2016.1158000.
- [37] Prioste, A.;Narciso, I.; Gonçalves, M.;Pereira, C. R.; [Values' family flow: Associations between grandparents, parents and adolescent children](#), Taylor & Francis,(2016-06), doi:10.1080/13229400.2016.1187659.
- [38] Piccoli, V.; Fantoni, C.;Foroni, F.;Bianchi, M.; Carnaghi, A.; [Automatic female dehumanization across the menstrual cycle](#), (ISI Journal Citation Reports,2016-11-30), doi: 10.1111/bjso.12178.

- [39] Prioste, A.; Fonseca, H.; Pereira, C. R.; Sousa, P.; Gaspar, P.; Machado, M.; [Effectiveness analysis of an internet-based intervention for overweight adolescents: Next steps for researchers and clinicians](#), BioMed Central - Springer Natur (2016-03-09), DOI 10.1186/s40608-016-0094-4.
- [40] Prioste, A.; Fonseca, H.; Sousa, P.; Gaspar, P.; Machado, M.; [Cross-sectional study showed psychosocial variables, gender and family involvement played an important role in an adolescent weight management programme](#), John Wiley & Sons, Inc. (2016-11-14), DOI: 10.1111/apa.13616.
- [41] Gamito, P.; Morais, D.; Oliveira, J.; Lopes, P.; Picareli, F.; Matias, M.; Correia, S.; Brito, R.; [Systemic Lisbon Battery \(SLB\): Normative data for memory and attention assessments](#) (2016-05-04), doi:10.2196/rehab.4155.
- [42] Gamito, P.; Oliveira, J.; Brito, R.; Lopes, P.; Rodelo, L.; Pinto, L.; Morais, D.; Evaluation of Cognitive Functions through the Systemic Lisbon Battery: Normative Data, (Schauftauer, 2016), doi: 10.3414/ME14-02-0021.
- [43] Bianchi, M.; Piccoli, V.; Fasoli, F.; Zotti, D.; Carnaghi, A.; [The impact of homophobic epithets on the internalized homophobia and body image of gay men: The moderation role of coming-out](#), (SAGE Journals, 2016-06), doi: 10.1177/0261927X16654735.
- [44] Pinto, R.; Correia-Santos, P.; Levendosky, A.; Jongenelen, I.; [Psychological Distress and Posttraumatic Stress Symptoms: The Role of Maternal Satisfaction, Parenting Stress, and Social Support Among Mothers and Children Exposed to Intimate Partner Violence](#), Journal of Interpersonal Violence, 1– 23 (2016-10-30), DOI: 10.1177/0886260516674199.
- [45] Rosa, P.J.; Gamito, P.; Morais, D.; Pavlovic, M.; Smyth, O.; Maia, I. & Gomes, T.; Eye movement analysis and cognitive assessment: the use of comparative visual search tasks in a non-immersive VR application , (2016), doi: 10.3414/ME16-02-0006.
- [46] Prioste, A.; Fonseca, H.; Silva Pereira, C.; Sousa, P.; Gaspar, P.; Machado, M. C.; [Pathways between BMI and adherence to weight management in adolescence](#), DeGruyter (2016-06-01); DOI 10.1515/ijamh-2016-0018.
- [47] Gamito, P.; Morais, D.; Oliveira, J.; Brito, R.; Rosa, P.J.; Matos, G.; [Frequency is not enough: Patterns of use associated with risk of Internet addiction in Portuguese adolescents](#), (2016-05-01), doi.org/10.1016/j.chb.2016.01.013.
- [48] Banovic, M.; Chrysochou, P.; Klaus Grunert, G.; Rosa, P.J.; Gamito, P.; The effect of fat content on visual attention and choice of red meat and differences across gender, Elsevier (2016-03-01), DOI 10.1016/j.foodqual.2016.03.017.
- [49] Rosa, P.J.; Morais, D.; Gamito, P.; Saraiva, T.; [The Immersive Virtual Reality Experience: a typology of users revealed through Multiple Correspondence Analysis combined with Cluster Analysis Technique](#), (2016-03-01), doi:10.1089/cyber.2015.0130.
- [50] Pinto, R. J.; Correia-Santos, P.; Costa-Leite, J.; Levendosky, A.; Jongenelen, I.; [Cortisol Awakening Response among Women Exposed to Intimate Partner Violence](#), National Center for Biotechnology Information, U.S. National Library of Medicine (2016-08-24), doi:10.1016/j.psyneuen
- [51] Gamito, P.; Oliveira, J.; Lopes, P.; Brito, R.; Morais, D.; Silva, D.; Silva, A.; Rebelo, S.; Bastos, A.; Deus, A.; [Cognitive stimulation through mHealth-based program for patients](#)

- [with Alcohol Dependence Syndrome. A randomized controlled study](#), Nova Science Publishers, Journal of Pain Management, suppl. Special issue: Using virtual reality technologies to support; Hauppauge9.3 (2016): 235-241, ISSN: 1939-5914.
- [52] Piccoli, V.;Carnaghi, A.; Foroni, F.;Fantoni, C.; Bianchi, M.; [Automatic female dehumanization across the menstrual cycle](#), (2016), doi: 10.1111/bjso.12178.
- [53] Novo, R.; Gonzalez, B.; Peres, R.;Aguiar, P.; [A meta-analysis of studies with the Minnesota Multiphasic Personality Inventory in fibromyalgia patients](#); Elsevier Journal of Personality and Individual Differences, Volume 116, 1 October 2017, Pages 96–108 (2017-04-13), dx.doi.org/10.1016/j.paid.2017.04.026.
- [54] Costa, C.; Sousa, C.; Rogado, J.;Henriques, S.; Playing Digital Security: Youth Voices on their Digital Rights, (2017), DOI: 10.4018/IJGBL.2017070102.
- [55] Gamito, P.; Oliveira, J.; Lopes, P.; Brito, R.; Morais, D.; Caçoete, C.; Leandro, A.; [Cognitive Training through mHealth for Individuals with Substance Use Disorder](#), *Methods Inf Med.* 2017 Mar 23;56(2):156-161 doi: 10.3414/ME16-02-0012.
- [56] Rosa, P.J.; Oliveira, J.;Alghazzawi, D.;Fardoun, H.;Gamito, P.; [Affective and Physiological Correlates of Perception of Unimodal and Bimodal Emotional Stimuli](#), *Psicothema.* 2017 Aug;29(3):364-369. doi: 10.7334/psicothema2016.272.
- [57] Bianchi, M.;Piccoli, V.;Fasoli, F.;Zotti, D.Carnaghi, A.; [The impact of homophobic epithets on the internalized homophobia and body image of gay men: The moderation role of coming-out](#), (2017), doi: 10.1177/0261927X16654735.

1.3 Conference Proceedings (33; Computer Science - 24; Psychology - 9)

- [58] Seweryn Dyerowicz, Paulo Mendes, "[Named-Data Networking in Opportunistic Networks](#)", in ACM ICN, Berlin, Germany, September 2017.
- [59] Omar Aponte, Paulo Mendes, "[Now@ - Content Sharing Application over NDN](#)", in ACM ICN, Berlin, Germany, September 2017.
- [60] Seweryn Dyerowicz, Omar Aponte, Paulo Mendes, "[NDN Operation in Opportunistic Wireless Networks](#)", in NDNcomm, Memphis, USA, March 2017.
- [61] L. Amaral, R. Sofia, P. Mendes, W. Moreira. [Oii - Opportunistic Data Transmission Based on Wi-Fi Direct](#). Infocom 2016. (rank: **CORE2017 A**).
- [62] L. Amaral, S. Firdose, R. Sofia, P. Mendes. [USENSE: a People-centric Opportunistic Sensing Tool](#). Infocom 2016. (rank: **CORE2017 A**).
- [63] Rute C. Sofia, Saeik Firdose, Luis Amaral Lopes, Waldir Moreira and Paulo Mendes, [NSense: A People-centric, non-intrusive Opportunistic Sensing Tool for Contextualizing Social Interaction](#) (2016), in: IEEE Healthcom 2016: 2016 IEEE 18th International Conference on eHealth Networking, Application, Services. Munich, September 2016.(rank: **CORE2017 C**).

- [64] Faisca, Jose G., and Jose Q. Rogado. "[Personal cloud interoperability.](#)" *World of Wireless, Mobile and Multimedia Networks (WoWMoM), 2016 IEEE 17th International Symposium on A*. IEEE, 2016. (rank: **CORE2017 A**)
- [65] Faisca, José G., and José Q. Rogado. "[Decentralized semantic identity.](#)" *Proceedings of the 12th International Conference on Semantic Systems*. ACM, 2016.
- [66] R. C. Sofia, [a Tool to Estimate Roaming Behavior in Wireless Architectures](#). inProc. WWIC2015, May 2015. (rank: **CORE2017 B**).
- [67] Amah, T. E., Kamat, M., Bakar, K. A., Moreira, W., Oliveira, A., & Batista, M. A. (2016, June). [Spatial locality in pocket switched networks](#). In *World of Wireless, Mobile and Multimedia Networks (WoWMoM), 2016 IEEE 17th International Symposium on A* (pp. 1-6). IEEE.
- [68] Paulo Mendes, Waldir Moreira, "[Crowd Assisted Approach for Pervasive Opportunistic Sensing](#)" in Proc. of IEEE PERCOM workshop (CASPer), St. Louis, USA, March 2015 (rank: **CORE2917 A***)
- [69] Waldir Moreira, Paulo Mendes, "[Dynamics of Social-aware Pervasive Networks](#)" in Proc. of IEEE PERCOM workshop (PerMoby), St. Louis, USA, March 2015
- [70] Luis Amaral Lopes, Rute C. Sofia, Hassan Osman (UniK) and Huseyin Haci, [A Proposal for Elastic Spectrum Management in Wireless Local Area Networks](#) (2014), inProc. 2014 IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), pp 127-128, April 2014. DOI: 10.1109/INFCOMW.2014.6849188 (rank: **CORE2017 A**).
- [71] Namusale Chama, Rute Sofia, Susana Sargento. [Node Spatial Correlation aware Routing Metrics for User-Centric Environments](#).inProc. 6th IFIP International Conference on New Technologies, Mobility and Security, pp 1-5, March 2014. DOI: 10.1109/NTMS.2014.6814037.
- [72] Waldir Moreira, Paulo Mendes, "[Social-aware Forwarding in Opportunistic Wireless Networks: Content Awareness or Obliviousness?](#)", in Proc. of IEEE WoWMoM workshop on autonomic and opportunistic communications, Sidney, Australia, June 2014. (rank: **CORE2017 A**).
- [73] Oliveira-Jr, Antonio, Rosário Ribeiro, Dalton Matsuo, Waldir Moreira, Augusto Neto, and Eduardo Cerqueira. "[Green Routing Metrics for Multi-hop Wireless People-centric Networks](#)." In *Proceedings of the Latin America Networking Conference on LANC 2014*, p. 11. ACM, 2014.
- [74] Namusale Chama, Rute C Sofia, Susana Sargento, [Multihop Mobility Metrics based on Link Stability](#), Proceedings of the IEEE 27th International Conference on Advanced Information Networking and Applications Workshops, pp 809-816, 2013.DOI: 10.1109/WAINA.2013.57. (rank: **CORE B**)
- [75] Carlos Ballester, Jean-Marc Seigneur, Paolo di Francesco, Valentin Moreno, Rute Sofia, Waldir Moreira Junior, Alessandro Bogliolo and Nuno Martins, [A User-centric Approach to Trust Management in Wi-Fi Networks](#),inProc. 2013 IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), pp 9-10, April 2013. DOI: 10.1109/INFCOMW.2013.6970754. (rank: **CORE A**).
- [76] Tiago Condeixa, Lucas Gardalben, Tome Gomes, Susana Sargento and Rute C. Sofia, [Make-Without-Break Horizontal IP Handovers for Distributed Mobility Management Schemes](#) (2013), inProc. IEEE Globecom 2013 Workshop - Management

- of Emerging Networks and Services, pp 917-922, October 2013. DOI: 10.1109/GLOCOMW.2013.6825107. (rank: **CORE2017 B**)
- [77] Tauseef Jamal, Paulo Mendes, André Zúquete, "[Analysis of Hybrid Relaying in Cooperative WLAN](#)", in Proc. of Wireless Days, Valencia, Spain, November 2013
- [78] Waldir Moreira, Paulo Mendes, Susana Sargento, "[Social-aware Opportunistic Routing Protocol based on User's Interactions and Interests](#)", in Proc. of AdhocNets, Barcelona, Spain, October 2013 (rank: **CORE2017 A**)
- [79] Waldir Moreira, Ronedo Ferreira, Douglas Cirqueira, Paulo Mendes and Eduardo Cerqueira "[SocialDTN: A DTN implementation for Digital and Social Inclusion](#)", in Proc. of ACM Mobicom workshop on Lowest cost denominator networking for universal access, Miami, USA, September 2013. (rank: **CORE2017 A**)
- [80] Bruno Batista, Paulo Mendes, "[ICON – Information and Context Oriented Networking](#)", in Proc. of CCNxCon2013. Palo Alto, California, USA, September 2013
- [81] Bruno Batista, Paulo Mendes, "[ICON - An Information Centric Architecture for Opportunistic Networks](#)", IEEE INFOCOM workshop on emerging design choices in name-oriented networking, Torino, Italy, April 2013 (rank: **CORE2017 A**)
- [82] Oliveira, Inês, and Nuno Guimarães. "[A tool for mental workload evaluation and adaptation.](#)" *Proceedings of the 4th Augmented Human International Conference*. ACM, 2013.
- [83] Oliveira, Inês Isabel Pimentel, and Nuno Manuel Guimarães. "[Practical Neurophysiological Analysis of Readability as a Usability Dimension.](#)" *Human Factors in Computing and Informatics*. Springer, Berlin, Heidelberg, 2013. 194-211. (rank: **CORE2017 A***)
- [84] Lopes, Paulo, Pedro Gamito, Jorge Oliveira, Cátia Coelho, Catarina Alves, Nuno Santos, Tatiana Sousa, Diogo Morais, and Rodrigo Brito. "[Computer-assisted assessment of cognitive functioning in the elderly through the systemic Lisbon battery.](#)" In *Proceedings of the 4th Workshop on ICTs for improving Patients Rehabilitation Research Techniques*, pp. 36-39. ACM, 2017.
- [85] Rosa, P. J., Sousa, C., Faustino, B., Feiteira, F., Oliveira, J., Gamito, P., & Morais, D. (2016). [The Effect of Serious Games in Cognitive interventions: A Meta-Analysis Study](#). pp. 113 - 116.
- [86] Rosa, P. J., Lopes, P., Oliveira, J., Ambrósio, I., & Silva, R. (2016, October). Analog to digital: computerized application of Toulouse-Piéron combined with eye tracking. In *Proceedings of the 4th Workshop on ICTs for improving Patients Rehabilitation Research Techniques* (pp. 69-72). ACM.
- [87] Gamito, P., Oliveira, J., Lopes, P. M., Brito, D., Cristovao, R., Cacoete, S., & Bastos, S. (2013, May). [Executive functioning in addicts following health mobile cognitive stimulation Evidence from alcohol and heroin patients.](#) In *Pervasive Computing Technologies for Healthcare (PervasiveHealth), 2013 7th International Conference on* (pp. 385-388). IEEE.
- [88] Camilo, C., Lima, L., & Rime, B. (2014, October). [The Role of Others: Social Sharing of Emotion Modes and the Cognitive and Emotional Adaptation to Threatening Cancer Information.](#) In *PSYCHO-ONCOLOGY* (Vol. 23, pp. 151-152). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY-BLACKWELL.
- [89] Oliveira, J., Gamito, P., Rosa, B., Bértolo, D., Ribeiro, J., Sousa, T., ... & Lopes, P. (2017, October). [Ecologically-oriented approach for cognitive assessment in the elderly.](#) In *Proceedings*

of the 4th Workshop on ICTs for improving Patients Rehabilitation Research Techniques (pp. 32-35). ACM.

[90] Carnaghi A, Bianchi, M. [Group Labeling](#). Encyclopedia of Intergroup Communication. New York: Oxford University Press, ORE of Communication,

1.4 Technical Reports and Standardization (Computer Science: 12)

- [91] Chama, N.; Sofia, Rute C.; Sargento, S. [A Discussion on Mobility Awareness of Multi Hop Routing in User-Centric Environments](#). COPE-SITI-TR-05-15, 2015
- [92] D'angelo, Angela, [UMOBILE D6.1 Dissemination Plan](#) . 2015
- [93] Chama, N.; Sofia, Rute C.; Sargento, S. [A Study on the Impact of Mobility Models in Multi-Hop Routing](#) . COPE-SITI-TR-04-15
- [94] Rute Sofia, Paulo Mendes, Waldir Moreira, Jonnahtan Saltarin, Luis Lopes, Tauseef Jamal), HWDU (Qing Zhou), UniGe (Jean-Marc Seigneur, Carlos Ballester), UniK (Huseyin Haci, Huiling Zhu, Hassan Osman), TUB (Sebastian Peters, Mürsel Yildiz, Fikret Sivrikaya), UniUrb (Alessandro Bogliolo). ULOOP Deliverable D3.8 - [ULOOP Framework Design and Implementation Report. 2013](#).
- [95] Rute Sofia, Paulo Mendes, Waldir Moreira, Jonnahtan Saltarin, Luis Lopes, Tauseef Jamal), HWDU (Qing Zhou), UniGe (Jean-Marc Seigneur, Carlos Ballester), UniK (Huseyin Haci, Huiling Zhu, Hassan Osman), TUB (Sebastian Peters, Mürsel Yildiz, Fikret Sivrikaya), UniUrb (Alessandro Bogliolo), [ULOOP D3.9 - Software Suite. 2013](#).
- [96] Mendes, Paulo; Moreira, Waldir; Berzirgiadinnis, Nikolaos; Diamantopoulos, Sotiris; Komnios, Ioannis; Tsaoussidis, Vassilis; Psaras, Ioannis; Lertsinsrubtavee, Adisorn; Sathiaseelan, Arjuna; Sanchez Perez, Susana; Sedano, Inigo; Sofia, Rute C. [UMOBILE D3.3: UMOBILE ICN layer abstraction initial specification](#) . UMOBILE Project gr. nr. 645124, 2016-11.
- [97] Komnios, Ioannis; Diamantopoulos, Sotiris; Tsaoussidis, Vassilis; Rene, Sergi; Psaras, Ioannis; Lertsinsrubtavee, Adisorn; Mendes, Paulo; Moreira, Wal Inigo; Sanchez Perez, Susana; Sofia, Rute C. [D3.1 - UMOBILE Architecture Report](#). Deliverable D3.1, UMOBILE Project gr. nr. 645124, COPE--SITI-TR-16-06. (UMOBILE Project gr. nr. 645124, 2016-11.
- [98] Mendes, Paulo; Moreira, Waldir; Diamantopoulos, Sotiris; Berzirgiadinnis, Niko; Komnios, Ioannis; Psaras, Ioanis; Rene, Sergi; Lertsinsrubtavee, Adisorn Perez, Susana; Almeida, Francisco; Amorosa, Francesco; Russi, Giammichele; D'Angelo, Angela; Pineda, Alberto; Simon Gomez, Luis. [UMOBILE D2.2: System and network requirement specification](#), Deliverable D2.2, UMOBILE Project gr. nr. 645124, COPE-SITI-TR-16-5. 2016-03.

- [99] Amaral Lopes, Luis; Moreira, Waldir; Mendes. [NSense: A People-centric, non-intrusive Opportunistic Sensing Tool for Contextualizing Social Interaction](#) (Short version accepted in IEEE mHealthCom2016). COPE-SITI-TR-16-02. May 2016.
- [100] Mendes, Paulo; Sofia, Rute C.; Firdose, Saeik; Amaral Lopes, Luis; Moreira, Waldir. [CitySense D 4.1 - NSense Software Suite](#). COPE-SITI-TR-16-04. 2016-06.
- [101] Amaral Lopes, Luis; Moreira, Waldir; Mendes, Paulo; Sofia, Rute C. [Oi! and SOCIO: Opportunistic Data Transmission based on Wi-Fi Direct](#). COPE-SITI-TR-16-03, 2016-05.
- [102] Lertsinsrubtavee, Adisorn; Sathiaselan, Arjuna; Crowcroft, Jon; Sofia, Rute C.; Komnios, Ioannis; Mendes, Pau Perez, Susana. [UMOBILE D6.6 Standardization Plan](#). COPE-SITI-TR-16-08. (UMOBILE Project gr nr 645124, 2016-01-31).
- [103] Mendes, Paulo; Komnios, Ioannis; Psaras, Ioannis; Lertsinsrubtavee, Adisorn; Molina-Jimenez, Carlos; Sathiaselan, Arjuna; Sofia, Rute C.; Pere Amorosa, Francesco; Gomez, Luis Simon; Pineda, Alberto; Garcia, Jose Salvador. [UMOBILE D6.4 - Exploitation Plan](#), COPE-SITI-TR-16-09. UMOBILE Project gr nr 645124, 2016-07-31.
- [104] Saeik, Firdose; Sofia, Rute C. [Challenges on the Validation of D2D Communications: Availability of Open-source Tools](#). COPE-SITI-TR- 2016-06.
- [105] Mendes, Paulo; Moreira Jr, Waldir; Diamantopoulos, Sotiris; Bezirgiannidis, Nikos; Komnios, Ioannis; Psaras, Ioannis; Rene, Sergi; Lertsinsrubtavee, Adisorn; Sathiaselan, Arjuna; Perez Sanchez, Susana; Almeida, Francisco; Amorosa, Francesco; Russi, Giammichele; d'Angelo, Angela; Pineda, Alberto; Simon Gomez, Luis, [UMOBILE D2.2 System and network requirement specification](#), H2020 UMOBILE, 2017-03-31.
- [106] Psaras, Ioannis; Rene, Sergi; Sofia, Rute C; Santos, Igor. [UMOBILE D4.3 - Named-based Replication Priorities](#), H2020 UMOBILE, 2017-02-03.
- [107] Moreira Jr, Waldir; Mendes, Paulo; Cerqueira, E. [Opportunistic Routing based on Users Daily Life Routine](#). IRTF DTNRG draft-moreira-dlife-04 2015
- [108] Oliveira Junior, A.; Sofia, Rute C. [Energy-awareness metrics global applicability guidelines, draft-ajunior-energy-awareness-00](#) IETF draft - ROLL working group. 2014
- [109] Oliveira Junior, A.; Sofia, Rute C. [Energy-awareness metrics global applicability guidelines, draft-ajunior-energy-awareness-01](#) IETF individual draft (working group proposal ROLL). 2014
- [110] Moreira, Waldir; Mendes, Paulo; Ferreira, R.; Cirqueira, D.; Cerqueira, E. [Opportunistic Routing based on Users Daily Life Routine](#) IRTF DTNRG draft-moreira-dlife-02. 2013
- [111] Zhou, Q.; Peters, S.; (TUB), Fikret Sivrikaya; Sofia, Rute C. [LMA Coordination in a Dynamic LMA Environment](#) . IETF draft - ROLL working group. 2014

1.5. Communications in International Meetings (11: Computer Science: 10; Psychology: 1)

- [113] R. Sofia, [Contextual interaction inference and characterization derived from wireless network mining](#). 10.07.2017, Technical University of Munich, Department of Informatics. Munich, Germany. <https://www.net.in.tum.de/news/2017/kollog-sofia.html>
- [114] P. Mendes, [Self-organization in networked wireless systems](#). Nokia Siemens Networks, Germany, 2015.
- [115] P. Mendes, [How to Achieve Impact in Research?](#), Networked and Embedded Systems Institute of Alpen-Adria-Universität Klagenfurt, Austria. 2014
- [116] P. Mendes, [People-centric Pervasive Sensing: Enabler for a reality-driven Internet](#). Invited talk, Telefonica Research, Barcelona, Spain. 2013
- [117] P. Mendes, [Impact of Human Behavior on Social Opportunistic Forwarding](#) . Network Architectures and Services research group, Technical University of Munich. 2014
- [118] Morais, D.; Rosa, P.J.; Brito, R.; Barbosa, R.; Oliveira, J.; Gamito, P. [Appearance-based trait inferences in a political candidate evaluation: Can the eye-tracking tell the tale?](#) Conference presentation at ISPP 2014. 2014
- [119] Mendes, Paulo [DTN and Data Named Networking for disruptive Networks](#)
- [120] Sofia, Rute C. [Pervasive Data Sharing, New Directions in IoT / Relevancy in an Industrial Internet](#) . Siemens AG, Munich, 2014
- [121] Sofia, R. [The Role of Pervasive Sensing in Connected Mobile Environments](#) . Technical University of Munich, Informatics Department Kolloquium Series. 2014.
- [122] Sofia, Rute C. [ULOOP Overview](#) . Keynote speech, IARIA Neutral 2013.
- [123] [4th European Internet Summit on the Future Internet](#). Invited Speaker, R. Sofia, 2013

1.6. Event and Seminar Organization (33; Computer Science: 22; Psychology: 1)

International

- [124] [ACM ICN 2017 UMOBILE Tutorial](#). Involved researchers: Omar Aponte, Miguel Tavares, Seweryn Dynierowicz, R. Sofia, P. Mendes.
- [125] [IEEE PerCOM CASPER Workshop 2017](#), Technical Programme Committee. P. Mendes, 2017.
- [126] [IEEE ICACCI 2016](#), International Conference, Involved Researchers: R. Sofia , 21-24 September 2016, India,

- [127] [IEEE SECON 2016](#), International conference, Involved Researcher: P.Mendes, 27-30 June 2016, London, UK.
- [128] [IEEE PerMoby2016](#), International workshop , Involved researcher: P. Mendes, March 14th 2016, Sydney, Australia,
- [129] [IEEE Percom2016](#), International conference, Involved researcher P. Mendes, March 2016, Sydney, Australia, <http://www.percom.org>
- [130] [IFIP WWIC 2016](#), International conference, Involved researcher P.Mendes, May 25th 2016, Thesaloniki, Greece,
- [131] [IEEE New2AN 2017](#), International conference, Involved researcher P.-Mendes, August 2016, S. Petersburg
- [132] [IEEE New2AN 2016](#), International conference, Involved researcher P.-Mendes, August 2016, S. Petersburg
- [133] [IEEE ICACCI 2016](#), 21-24 September, India. R. Sofia, 2016
- [134] [ACM CONEXT 2015](#), December 1-4 2015, Heidelberg, Germany. R. Sofia, Technical Programme Committee member.
- [135] [IEEE Percom Casper 2015](#), Technical Programme Committee. P. Mendes, 2015
- [136] [ACM ICN 2014](#). Technical Programme Committee. P. Mendes, Paris France, 2014
- [137] Technical Programme Committee, P. Mendes. Madrid Spain, 2014.
- [138] [IEEE GLOBECOM 2014, Next Generations Symposium](#). Technical Programme Committee, P. Mendes, Austin Tx, USA. 2014.
- [139] [IEEE Infocom 2014, SDP Workshop](#), Technical Programme Committee, P. Mendes, Toronto Canada. 2014.
- [140] [QSHINE 2014, Technical Programme Committee](#), P. Mendes, Rhodes, Greece, 2014.
- [141] [IEEE New2AN 2014](#). Technical Programme Committee, P. Mendes, St Petersburg, Russia, 2014.
- [142] [IFIP WWIC 2015](#), Technical Programme Committee, P. Mendes, Paris France, 2015.
- [143] IEEE ICC 2013 - Optical Networks and Systems. December 2013. R. Sofia., Technical Programme Committee member.
- [144] [Infocom 2013](#) - Demo/Poster Session. R. Sofia, Technical Programme Committee member.
- [145] [Future Network and Mobile Summit 2013](#). Technical Programme Committee member. R. Sofia
- [146] [ACM ICN 2016](#) (SIGCOMM workshop, International workshop, Involved Researcher P. Mendes, Sep 26th-28th 2016, Kyoto, Japan, <http://conferences2.sigcomm.org/acm-icn/2016/tpc.php>
- [147] [ULOOP Project Exhibition at ICT2013](#). Vilnius, Lithuania, 6-8th November 2013.
- [148] [REHAB 2016](#): 4th Workshop on ICTs for improving Patients Rehabilitation Research Techniques, MHealth event, P. Gamito, J. Oliveira, October 13 – 14, 2016, ULHT.

National

- [149] [C-BRAINS](#) 2013-2017. COPELABS Brainstorming events - 51 sessions, internal and international speakers.
- [150] [Social technologies in the context of well-being/living well](#), National marketing workshop, Involved Researchers: R. Sofia, P. Mendes, P. Gamito, J. Oliveira, Joint organization with OPIN (Caldas da Rainha), Universidade Aberta, Caldas da Rainha. 07.04.2016.
- [151] [Ddicas Pilot](#), LX FACTORY OPEN DAY #16, National event dissemination – Involved Researchers: Luis Lopes, R. Sofia, Organizers with MainSide SGPS , 06th to 8th May 2016, Lisbon, Lx factory.
- [152] [Ciência 2016](#) - Science 2016, International event. Representation stand and session – national event, R. Sofia, 4th July to 7th July, Lisbon, Centro de Congressos.
- [153] [Ciência 2017](#). R. Sofia, M. Bianchi., Lisbon, 2017.
- [154] [COPELABS Open Day 2015](#). R. Sofia, W. Moreira.

2. Software (Computer Science: 14)

- [155] Saeik, F., Reddy, P., L. Lopes, Sofia R., Mendes, P. Nsense v1.0, <https://github.com/COPELABS-SITI/NSense>
- [156] Tavares, M.; Saeik, F.; Sofia, Rute C.; Mendes, Paulo , Nsense v2.0, <https://github.com/COPELABS-SITI/NSense>. 2017
- [157] Moreira, W.; Mendes, P. SOCIO Framework, <http://siti2.ulusofona.pt:8085/xmlui/handle/20.500.11933/629>. 2016
- [158] L. Lopes. R. Sofia, Ddicas Portal, <http://siti2.ulusofona.pt:8085/xmlui/handle/20.500.11933/672>. 2016
- [159] L. Lopes, R. Sofia, [DdicasM, 2016](#).
- [160] Dyerowirz, S. NDN-Opp: Opportunistic communications in NDN. <https://github.com/COPELABS-SITI/nfd-android>, 2017
- [161] Aponte, O; Mendes, P. Oi!: an instant messenger for NDN. <https://github.com/COPELABS-SITI/Oi>, <https://play.google.com/store/apps/details?id=com.copelabs.android.oi&hl=en>. 2017
- [162] Aponte, O. Mendes, P. Now@: an opportunistic data sharing tool. <https://play.google.com/store/apps/details?id=pt.usofona.copelabs.now&hl=en>. 2017, <https://play.google.com/store/apps/details?id=com.copelabs.android.oi&hl=en>
- [163] Moreira, Waldir, Mendes, Paulo. [SOCIO: Social Proximity Library](#). COPE-SW-15-02. 2015 <http://siti2.ulusofona.pt:8085/xmlui/handle/20.500.11933/346>
- [164] Routray, R.; Moreira, Waldir; Sofia, Rute C.; Mendes, Paulo. [Oi!: An Opportunistic Data Transmission Tool based on Social-Aware Routing, version 1.0](#) . COPE-SW-15-04. 2015

- [165] Moreira, Waldir, Mendes, P. [Social-aware Content-based Opportunistic Routing Protocol \(SCORP\)](#) . SITI-SW-13-01, 2013.
- [166] Oliveira Junior, A., Sofia Rute C., [Energy-aware metrics for multihop routing. ns2 module](#) . COPE-SW-13-06.2013
- [167] Jamal, Tauseef, Mendes, Paulo. [RelaySpot. OMNET++ module](#) . COPE-SW-13-05, 2013
- [168] Saltarin, Jonnahtan, Sofia, Rute C. [MTracker. a mobility estimation Tool](#) . SITI-SW-13-02. 2013

3. Pilots and Testbeds (Computer Science: 4)

- [169] **VoIP Testbed.** 1 Cisco router 9000; 1
- [170] **Wireless testbed.** 17 smartphones Android; 4 tablets: iPhones and Nokia phones; 6 OpenWRT access points (Ubiquiti Nanostation and Power AP N); 1 3G to Wi-Fi router; notebooks (Toshiba satellite L755). 2013-. EU IST FP7 ULOOP and EU IST UMOBILE project testing and validation.
- [171] **IoT Testbed.** Composed of 1 server (HP Proliant DL380 G7, 1x 6 Core 2,40Ghz, 12GB Mem, 2x SAS 146GB 15K rpm, Rack floor 0); Arduino boards; smartphones. 2013 **40 smartphones with middleware** developed in-house to assist data capture concerning roaming behavior and interaction. Currently used in the context of the Proxemics Data Lab project. 2017
- [172] **Named data networking testbed @COPELABS.** 1 dedicated router interconnected to the worldwide NDN testbed, 7 Android smartphones. Currently deploying interconnection towards the wireless testbed. 2017-

4. Labs and Prototypes (computer Science: 5)

- [173] Dyerowirz, S.; Mendes, P. NDN-Opp: Opportunistic communications in NDN. 2017 <http://copelabs.ulusofona.pt/index.php/research/projects/241-umobile>
- [174] Nsense. <http://copelabs.ulusofona.pt/index.php/technology/software/250-usense-citysense-project>. 2016
- [175] Aponte, O; Mendes, P. Oi!: an instant messenger for NDN. <https://github.com/COPELABS-SITI/Oi>, <https://play.google.com/store/apps/details?id=com.copelabs.android.oi&hl=en>. 2016
- [176] L.Lopes, R. Sofia. Ddicas @LxFactory, OpenDay. 2016
- [177] J. Soares, R. Sofia, Ddicas@Portimão: Rua das Lojas. 2017

5. Research and Development Projects/Third-Party Grants (Computer Science: 10)

International

- [178] COPELABS strategic project, 2013-2016. FCT Reference UID/MULTI/04111/2013 and UID/MULTI/04111/2016. Principal Investigator: R. Sofia, 30000 Euros.
- [179] [The Proxemics Data Lab](#), 2017-2018. FCT reference UID/MULTI/04111/2016. Principal Investigator: R. Sofia. 20300 Euros.
- [180] [UMOBILE: Universal, Mobile-centric and opportunistic communications architecture](#). H2020 project, gr. nr. 645124, 2015-2018. Principal Investigator: P. Mendes. ~268750 Euros (total budget: ~2 million Euros). 2015-2018.
- [181] [CitySense. Large-Scale Sensing in Opportunistic Scenarios](#). 2011-2017. Internal funding. Principal Investigator: Paulo Mendes.
- [182] [DTN-Amazon: Delay Tolerant Networks for the Amazonia Region](#). 2011-2013. Internal project. Principal Investigator: Paulo Mendes. Joint cooperation between COPELABS and UFPA, Brazil
- [183] [ULOOP: User-provided Local Loop](#). EU IST FP7 call5, objective 1.1, funded by the European Commission, Framework Programme 7, grant number 75418. 2010-2013. Principal Investigator and Scientific coordinator: Rute Sofia, ~4000000 Euros. Total budget: 3 million Euros.

National

- [184] *User-centric Routing*, Ph.D. grant reference number BD SFRH/BD/44005/2008, by Fundação para a Ciência e Tecnologia. 2009-2013. (Advisorship and coordination, ~48000 Euros).
- [185] [UMM: User-centric Mobility Management](#), 2010-2013, funded by Fundação para a Ciência e Tecnologia, reference number PTDC/EEA-TEL/105709/2008. Principal Investigator; Rute Sofia, ~103 000 Euros.
- [186] [UCR: User-centric Routing](#), 2010-2013. funded by Fundação para a Ciência e Tecnologia, reference number PTDC/EEA-TEL/103637/2008. Principal Investigator: Paulo Mendes. ~103 000 Euros.
- [187] Innolab. Funding: InnoWave , Portugal. Principal Investigator: R. Sofia. 2014. 7000 Euros.

3. Hosted PhD Theses (Computer Science: 13, 4 successfully concluded)

- [188] A. Ribeiro, Social Mobility Modeling. MAP-TELE doctoral programme, 2013-2016
Advisor: Rute Sofia; co-advisor: Susana Sargento (Univ Aveiro). *CANCELLED*.
- [189] Namusale Chama, Impact of Mobility on Multihop Routing. MAP-TELE doctoral programme. Advisor: Rute Sofia; co-advisor: Susana Sargento. 2013-2015.
SUCCESSFULLY CONCLUDED in 2014.
- [190] A. Oliveira Jr. User-centric Routing. Rute Sofia, António Costa (Univ Minho). FCT BD PTDC/EEA-TEL/105709/2008. *SUCCESSFULLY CONCLUDED* in 2014.
- [191] Waldir Moreira Jr. Social-based Opportunistic Routing. *SUCCESSFULLY CONCLUDED* in 2014.
- [192] Tauseef Jamal. Design and Performance of Wireless Cooperative Relaying. Advisor: Paulo Mendes; Co-Advisor: André Zúquete. 2013-2014. *SUCCESSFULLY CONCLUDED* 2014.
- [193] Thiago Coqueiro. Naming Schemes for Information centric opportunistic networks. UFPA/COPELABS. Advisor: Paulo Mends, co-advisor: Eduardo Cerqueira (UFPA).
- [194] José Faísca. Personal Cloud Ecosystem. Advisor: José Rogado, ULHT. Doctoral Programme NEMPS, edition 2012/2013. *ACTIVE*.
- [195] Pedro Freire. Cloud Applications, Native Experience. Doctoral Programme MAP-TELE edition 2012/2013. Advisors: Inês Oliveira (ULHT), Rui Ribeiro (ULHT). *CANCELLED*
- [196] Pallavally Reddy. Bio-inspired self-organization as driver for a pervasive IoT. Advisor: Paulo Mendes, ULHT. Doctoral programme NEMPS, edition 2013/2014. *CANCELLED* in 2016 (proposal accepted in Nov 2015).
- [197] Saeik Firdose, Optimizing Heterogeneity in pervasive communication systems. Advisor: Rute Sofia, ULHT. Doctoral programme NEMPS, edition 2013/2014. *CANCELLED* in 2016 (thesis proposal accepted in Nov 2015).
- [198] Preyesse Arquissandás. Sensor-based augmented reality. Advisor: David Lamas, Jorge Oliveira, ULHT. Doctoral programme NEMPS, edition 2012/2013. *ACTIVE*.
- [199] F. de Melo Pereira. A non-intrusive framework for inference of collective behavior via smartphones. Advisor: R. Sofia, ULHT. Doctoral programme NEMPS, edition 2014/2015. *ACTIVE*
- [200] M. Pedro. Implicit Interactions. Advisor: David Lamas, ULHT. Doctoral programme NEMPS, edition 2013/2014. *CANCELLED*.

4. IPRs (Computer Science: 3)

- [201] Tauseef Jamal, Paulo Mendes. [Cooperative relaying for Dynamic Networks](#), EP13182366.8, 2013. COPELABS (SITILABS). August 2013
- [202] EP 13191667.8, Method and Apparatus for communication in a wireless network. University of Kent. Authors: Hassan Osman (UniK), Huseyin Haci, huiling zhu, Luis Amaral Lopes and Rute C. Sofia. August 2013.
- [203] R. C. Sofia, EP 13186562.9, [Method and Apparatus for Ranking Visited Networks](#). COPELABS (SITILABS), August 2013.

5. Spin-offs 2013-2017 (Computer Science: 1; Psychology: 1)

1. [Senception Lda](#), 2013
2. [Immersive Lives](#), 2015.

6 Scientific Employment 2013-2017 (Computer Science: 24)

1. Andrea Nascimento, scholarship equivalent to FCT BM with supplement, 2013 - € 980 and SSV, per month.
2. Jonnahtan Saltarin, 2012/2013, scholarship equivalent to FCT BD with supplement - € 1293 and SSV, per month.
3. Christian da Silva Pereira, 2012/2013, scholarship equivalent to FCT BD with supplement - € 1293 and SSV, per month.
4. Tauseef Jamal, scholarship equivalent to FCT postdoc scholarship with supplement, 2014-2015.- € 1293 and SSV, per month.
5. Tauseef Jamal, scholarship equivalent to FCT postdoc scholarship with supplement, 2014-2015.- € 1470 and SSV, per month.
6. 7. Waldir Moreira Jr, 2013-2015, scholarship equivalent to FCT BD with supplement, 2013-2014 - €1293 and SSV, per month.
7. Waldir Moreira Jr, postdoc scholarship 2015-2016 - € 1495 and SSV, per month.
8. Namusale Chama, scholarship equivalent to FCT BD 2013-2015 - € 980 and SSV, per month.

9. António Carlos de Oliveira Jr. FCT BD scholarship reference PTDC/EEA-TEL/105709/2008, 2013-2014.
10. Luis Amaral Lopes, scholarship equivalent to FCT BM with supplement, 2013-2016 - € 1293 and SSV, per month.
11. Saeik Firdose, scholarship equivalent to FCT BD with supplement, 2014-2016.- € 1293 and SSV, per month.
12. Pallavali Reddy, scholarship equivalent to FCT BD with supplement, 2014-2016, 2014-2016.- € 980 and SSV, per month
13. Ramakanta Routray, scholarship equivalent to FCT BD with supplement, 2016 - € 1293 and SSV, per month
14. Ruben Macedo, scholarship equivalent to FCT BM 2015.- € 745 , per month
15. Anabela Moura (50%), 2013-2017 (administrative support) - Technical level I
16. Monica Pedro, 2015, science management agreement, 7500 Euros in 2015.
17. Omar Aponte, scholarship equivalent to FCT BM with supplement. 2015-2018 - € 745 and SSV, per month.
18. Miguel Tavares, scholarship equivalent to FCT BM with supplement, 2016-2018 – € 745 and SSV, per month.
19. José Soares, scholarship equivalent to BIC 2017 (6 months) - € 385, per month
20. Seweryn Dynierowicz, Postdoc scholarship, 2017 - € 1495 and SSV, per month
21. Abd Albasset Almamou, Postdoc scholarship, 2012-2013, € 1495 and SSV, per month
22. Gaurav Barokar, scholarship equivalent to FCT BD, 2016 - € 980 and SSV, per month
23. Liliana Inocência Carvalho, scholarship equivalent to FCT BD, 2017- € 980 and SSV, per month
24. Samrat Dattagupta, scholarship equivalent to FCT BM with supplement, 2017- - € 980 and SSV, per month