

Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin**; **Masood, Ali**; **Salupere, Andrus** 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

Device-to-device discovery and localization assisted by UAVs in pervasive public safety networks

Masood, Ali; **Sharma, Navuday**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan Proceedings of the ACM MobiHoc workshop on innovative aerial communication solutions for First REsponders network in emergency scenarios : iFIRE '19, Catania, Italy, July 2-5, 2019 / p. 6-11 <https://doi.org/10.1145/3331053.3335031>

Direct discovery-based cooperative device-to-device communication for emergency scenarios in 6G

Masood, Ali; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2022 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) : proceedings 2022 / p. 297-302 : ill <https://doi.org/10.1109/EuCNC/6GSummit54941.2022.9815706>

Experimental Characterization of Connectivity for ProSe Direct Discovery in Emergency Scenarios for 6G

Masood, Ali; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2023 IEEE Wireless Communications and Networking Conference (WCNC) 2023 / p. 1-6 <https://doi.org/10.1109/WCNC55385.2023.10118649>

Experimental characterization of ProSe direct discovery for emergency scenarios

Masood, Ali; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** 2021 IEEE 7th World Forum on Internet of Things (WF-IoT), 14 June 2021 - 31 July 2021, New Orleans, LA, USA : proceedings 2021 / p. 891-896 <https://doi.org/10.1109/WF-IoT51360.2021.9595305>

5G testbed implementation and measurement campaign for ground and aerial coverage

Fjodorov, Aleksei; **Masood, Ali**; **Alam, Muhammad Mahtab**; Päränd, Sven 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. <https://doi.org/10.1109/BEC56180.2022.9935602>

Implementation and demonstration of a device-to-device communication system for emergency and critical scenarios = Seadmetevahelise sidesüsteemi rakendamise ja demonstreerimine hädaolukorra ja kriitiliste juhtumite jaoks

Masood, Ali 2022 <https://doi.org/10.23658/taltech.30/2022> <https://digikogu.taltech.ee/et/Item/e1879ff7-ee31-4a7b-aa26-01bd973f889f> https://www.ester.ee/record=b5502340*est

Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing

Dos Santos, Serge; **Masood, Ali**; **Lints, Martin**; **Salupere, Andrus**; Kozena, Colette; Kus, Vaclav ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25), Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill <http://toc.proceedings.com/40638webtoc.pdf> https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING

Predictive machine learning analysis for reliable D2D discovery in 6G critical communications

Masood, Ali; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 58-63 <https://doi.org/10.1109/FMEC59375.2023.10306113>

ProSe direct discovery : experimental characterization and context-aware heuristic approach to extend public safety networks lifetime

Masood, Ali; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Reggiani, Luca; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan IEEE Access 2021 / p. 130055 -130071 <https://doi.org/10.1109/ACCESS.2021.3112751> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Self-calibration of multiscale hysteresis with memristors in nonlinear time reversal based processes

Dos Santos, Serge; **Masood, Ali**; Furui, Sadataka; Nardoni, Giuseppe BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 / p. 9-12 : ill <https://doi.org/10.1109/BEC.2018.8600977>

Standards for acousto-mechanical evaluation of multiscale hysteretic properties of complex material with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin**; Arruga, Denis; **Masood, Ali**; **Salupere, Andrus** Application of Contemporary Non-Destructive Testing in Engineering : conference proceedings 2017 / p. 49-57 : ill <https://www.ndt.net/search/docs.php3?showForm=off&id=22548> <http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Conference%20proceedings.%20ICNDT%202017.pdf>

Surveying pervasive public safety communication technologies in the context of terrorist attacks

Masood, Ali; Scazzoli, Davide; **Sharma, Navuday**; **Le Moullec, Yannick**; Ahmad, Rizwan; Reggiani, Luca; Magarini, Maurizio; **Alam, Muhammad Mahtab** Physical communication 2020 / art. 101109, <https://doi.org/10.1016/j.phycom.2020.101109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultrasonic transducers self-calibration of nonlinear time reversal based experiments using memristor [Online resource]

Dos Santos, Serge; **Masood, Ali** 12th European Conference on Non-destructive Testing : proceedings 2018 / 8 p. : ill
<http://www.ecndt2018.com/abstract/ultrasonic-transducers-self-calibration-of-nonlinear-time-reversal-based-experiments-using-memristor/>
<http://www.ecndt2018.com/programme/list-of-authors/>