

Curriculum Vitae

Mendizabal, Jaizki

CURRENT POSITION

Name of company

Job position

Asociación Centro Tecnológico Ceit-IK4

Codirector Sustainable Transport and Mobility

PROFESSIONAL BACKGROUND

Dr. Jaizki Mendizabal is codirector of Sustainable Transport and Mobility group at CEIT-IK4 and a lecturer at Tecnun, the Technological Campus of University of Navarra.

As RF IC designer Dr. Jaizki Mendizabal joined Fraunhofer Institut für Integrierte Schaltungen in Erlangen between 2000 and 2002, CEIT-IK4, in San Sebastian (Spain) between 2002 and 2005 and SANYO Electric Ltd, in Gifu (Japan) between 2005 and 2006. Since 2006 he is at CEIT-IK4, in San Sebastian (Spain) researching on the field of communications and signalling systems for the railway industry. Additionally he is lecturing “Communications Electronics” and “Communications via Radio” at TECNUN (University of Navarra). He has participated in more than 20 research projects, has directed 5 doctoral theses, is author or co-author of more than 50 scientific and technical publications in national and international journals and conferences.

EDUCATION AND TRAININGS:

Dr. Jaizki Mendizabal received his M.Sc. and Ph.D. degrees in Electrical Engineering from TECNUN (University of Navarra, San Sebastian, Spain) in 2000 and 2006 respectively.

EXTRAS:

Cybersecurity—The Forgotten Issue in Railways: Security Can Be Woven into Safety Designs, IEEE Vehicular Technology Magazine, 2018 | journal-article, DOI: 10.1109/MVT.2017.2736098 EID: 2-s2.0-85041409830

Virtual testing of the on-board ETCS with GNSS based Train integrity determination, Proceedings of 2017 15th International Conference on ITS Telecommunications, ITST 2017, 2017 | conference-paper, DOI: 10.1109/ITST.2017.7972203 EID: 2-s2.0-85027688181

On-board electromagnetic interference field-test and evaluation of a non-electrified railway regional line, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2017 | book, DOI: 10.1007/978-3-319-56880-5_9 EID: 2-s2.0-85019260015

GNSS Complementary Positioning System performance in railway domain, Proceedings of 2017 15th International Conference on ITS Telecommunications, ITST 2017, 2017 | conference-paper, DOI: 10.1109/ITST.2017.7972204 EID: 2-s2.0-85027716449

ETCS on-board unit safety testing: Saboteurs, testing strategy and results | Pruebas de seguridad de la unidad de abordo ETCS: Saboteadores, estrategia de pruebas y resultados, Promet - Traffic – Traffico, 2017 | journal-article, DOI: 10.7307/ptt.v29i2.2171 EID: 2-s2.0-85019125498

Wireless communication emulator device and methodology for the ETCS BTM subsystem, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2016 | book, DOI: 10.1007/978-3-319-38921-9_5 EID: 2-s2.0-84977150769

Rolling stock emission testing methodology assessment for Balise Transmission Module system interoperability, Measurement, 2016 | journal-article, DOI: 10.1016/j.measurement.2015.08.036 WOSUID: WOS:000365104100014,

Preface, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2016 | book, DOI: 10.1007/978-3-319-38921-9 EID: 2-s2.0-84977108981