

List of peer-reviewed conference papers 2016

Title	Authors	Name of the Conference	Location	Year of publication
130 nm SiGe BiCMOS W-Band Single-Chip Receivers using an RF-MEMS Dicke Switch.	A. Strodl, V. Valenta, R. Jonsson, S. Wipf, S. Reyaz, A. Bunea, W. Winkler, Robert Malmqvist, M. Kaynak, M. Wietstruck, S. Tolunay, A. Goritz, H. Schumacher, A. Rydberg	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
2016. MODIG — modelling the reliability of digital I&C in modern nuclear power plants	Bäckström, O., Holmberg, J.-E., Porthin, M., Tyrväinen, T	In Proc. of 13th International Conference on Probabilistic Safety Assessment and Management (PSAM 13)	Seul	2016
A 200 GHz CVD Graphene FET Based Resistive Subharmonic Mixer	Y. Zhang, M. Andersson och J. Stake	IEEE MTT-S International Microwave Symposium, IMS 2016	San Fransisco, USA	2016
A 200 GHz CVD Graphene FET Based Resistive Subharmonic Mixer	Y. Zhang, M. Andersson och J. Stake	2016 IEEE MTT-S International Microwave Symposium	San Fransisco, USA	2016
A 200 GHz CVD Graphene FET Based Resistive Subharmonic Mixer	Y. Zhang, M. Andersson och J. Stake	2016 IEEE MTT-S International Microwave Symposium, IMS	San Fransisco, USA	2016
An Overview of the Thermal Infrared Visual Object Tracking VOT-TIR2015 Challenge	Berg, Amanda; Felsberg, Michael; Häger, Gustav; Ahlberg, Jörgen	Swedish Symposium on Image Analysis	Uppsala, Sweden	2016

A Collaborative Framework for 3D Mapping using Unmanned Aerial Vehicles	Doherty, Patrick; Kvarnström, Jona; Rudol, Piotr; Wzorek, Marius; Conte, Gianpaolo; Berger, Cyrille; Hinzmann, Timo; Stastny, Thomas	PRIMA 2016: Principles and Practice of Multi-Agent Systems	Phuket, Thailand	2016
A fully encapsulated waveguide coupled passive imaging W-band radiometer module with RF frontend IC in a SiGe-BiCMOS technology.	Andreas Strodl, Alina C. Bunea, Vaclav Valenta, Rolf Johnsson, Shakila B. Reyaz, Robert Malmqvist, Hermann Schumacher	Microwave Symposium (IMS), 2016 IEEE MTT-S International.	San Fransisco, USA	2016
A Novel Multi-Step Algorithm for Low-Energy Positioning Using GPS	Örn, Danie; Szilassy, Marti; Dil, Bram; Gustafsson, Fredrik	Fusion 2016, 19th International Conference on Information Fusion : Proceedings	Heidelberg, Germany	2016
A Scalable Architecture for Massive MIMO Base Stations Using Distributed Processing	Bertilsson, Erik ; Gustafsson, Oscar; Larsson, Erik G.	Asilomar Conference on Signals, Systems, and Com+L15:L25puters	Pacific Grove, CA, USA	2016
An Image Matching System for Autonomous UAV Navigation Based on Neural Network	Garcia Braga, Jose Renato; Conte, Gianpaolo; Doherty, Patric; Campos Velho, Haroldo Fraga	14th International Conference on Control, Automation, Robotics and Vision (ICARCV 2016)	Phuket, Thailand	2016
Application and capabilities of lidar from small UAV.	Michael Tulldahl, Håkan Larsson, Gustav Tolt, Fredrik Bismarck, Christina Grönwall, Jonas Nordlöf	Proc. SPIE 9832, Laser Radar Technology and Applications XXI, 98320V	Baltimore, USA	2016
Approximations of BEP for Multiple Impulse Noise Sources.	Sara Örn Tengstrand, Erik Axell, Patrik Eliardsson	2016 International Symposium on Electromagnetic Compatibility - EMC EUROPE.	Wroclaw, Poland	2016
Area Coverage with Heterogeneous UAVs using Scan Patterns	Berger, Cyrille; Wzorek, Mariusz; Kvarnström, Jonas; Conte, Gianpaolo; Doherty, Patrick; Eriksson, Alexander	2016 IEEE International Symposium on Safety, Security, and Rescue Robotics (SSRR) : proceedings	Lausanne, Switzerland	2016
Autonomous detection of crowd anomalies in multiple-camera surveillance feeds	Jonas Nordlöf, Maria Andersson	Proc. SPIE 9995, Optics and Photonics for Counterterrorism, Crime Fighting, and Defence XII, 99950O	Edinburgh, UK	2016

BorealScat: A tower experiment for understanding temporal changes in P- and L-band backscattering from a boreal forest	Lars Ulander, Maciej J. Soja, Albert R. Monteith, Leif E.B Eriksson, Johan Fransson, Henrik J. Persson	European Space Agency, (Special Publication). Living Planet Symposium 2016, Prague, Czech Republic	Prague, Czech Republic	2016
BorealScat: A tower-based tomographic and polarimetric radar experiment in the boreal forest at P-,L-, and C-band	Albert R. Monteith, Maciej J. Soja, Lars Ulander, Leif E.B Eriksson	IEEE International Geoscience and Remote Sensing Symposium (IGARSS), 2016.	Beijing, China	2016
Bridging the mission-control gap: A flight command layer for mediating flight behaviours and continuous control	Rudol, Piotr; Doherty, Patrick	2016 IEEE International Symposium on Safety, Security, and Rescue Robotics (SSRR)	Lausanne, Switzerland	2016
Channel Coded Distribution Field Tracking for Thermal Infrared Imagery	Berg, Amanda; Ahlberg, Jörgen; Felsberg, Michael	PROCEEDINGS OF 29TH IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS, (CVPRW 2016)	Las Vegas, USA	2016
Characterisation of Low-Noise and High-Linearity GaN HEMTs Fabricated Using a CPW Based MMIC Process.	Robert Malmqvist, Andreas Gustafsson, G. Deligorgis, G. Konstantinidis, A. Rydberg, S. Bansropun, A. Ziaei	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
Compact 340 GHz homodyne transceiver modules for FMWC imaging radar arrays	R. Dahlbäck, T. Bryllert, G. Granström, M. Ferndahl, V. Drakinskiy och J. Stake	2016 IEEE MTT-S International Microwave Symposium (IMS)),	San Fransisco, USA	2016
Compact 340 GHz homodyne transceiver modules for FMWC imaging radar arrays	R. Dahlbäck, T. Bryllert, G. Granström, M. Ferndahl, V. Drakinskiy och J. Stake	2016 IEEE MTT-S International Microwave Symposium (IMS)	San Fransisco, USA	2016
Compact 340 GHz homodyne transceiver modules for FMWC imaging radar arrays	R. Dahlbäck, T. Bryllert, G. Granström, M. Ferndahl, V. Drakinskiy och J. Stake	(2016 IEEE MTT-S International Microwave Symposium (IMS)	San Fransisco, USA	2016

Compact Aperture Coupled Patch Antenna Design.	Tomas Boman, Andreas Gustafsson, D. Axelsson	AntennEMB Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
Comparison of platform and background interference in view of communication performance.	Karina Fors, Kia Wiklundh	International Symposium on Electromagnetic Compatibility - EMC EUROPE	Wroclaw, Poland	2016
Consequences of Radio Transmitter Out-of-Band Properties	Sara Linder, Peter Stenumgaard, Karina Fors, Kia Wiklundh	Electronic Environment Conference 2016		2016
Convoy Protection with Autonomous Sensor Control.	Viktor Deleskog	Reglermöte 2016. Chalmers tekniska högskola	Stockholm, Sweden	2016
Cooperative localization based on severely quantized RSS measurements in wireless sensor network	Jin, D; Yin, Feng ; Fritsche, Carsten; Zoubir, Abdelhak M.; Gustafsson, Fredrik	IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)	New Orleans, USA	2016
Cooperative Navigation and Coverage Identification with Random Gossip and Sensor Fusion	Braga, André Ribeiro; Fritsche, Carste; Bruno, Marcelo G. S.; Gustafsson, Fredrik	Proc. IEEE 9th Sensor Array and Multichannel Signal Processing Workshop (SAM)	Rio de Janeiro, Brazil	2016
Corporate Fed Sparse Array Antenna for a K-Band 3D Synthetic Aperture Radar System.	Andreas Gustafsson, Per-Olov Fröling, Stig Leijon, Jan Svedin, Patrick Andersson	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
Deep Subspace Mapping in Hyperspectral Imaging	Niclas Wadströmer, David Gustafsson, Henrik Petersson	Proc. SPIE 9988, Electro-Optical Remote Sensing X, (October 21, 2016)	Edinburgh, UK	2016
DETECTION AND MITIGATION OF JAMMING ATTACKS IN MASSIVE MIMO SYSTEMS USING RANDOM MATRIX THEORY	Vinogradova, Julia; Björnson, Emil; Larsson, Erik G	17th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC)	Edinburgh, UK	2016
Development of an active 220 GHz stand-off imager.	Jan Svedin, Tomas Bryllert, Erio Gandini, Nuria Llombart	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016

Digital micromirror devices in Raman trace detection of explosives.	Mattias Svanqvist, Matilda Ågren, Markus Nordberg, Henric Östmark	Proc. SPIE 9823, Detection and Sensing of Mines, Explosive Objects, and Obscured Targets XXI, 982312	Baltimore, USA	2016
Downlink Power Control for Massive MIMO Cellular Systems with Optimal User Association	Van Chien, Trinh; Björnson, Emil ; Larsson, Erik G.	IEEE International Conference on Communications,	Kuala Lumpur, Malaysia	2016
DyKnow: A Dynamically Reconfigurable Stream Reasoning Framework as an Extension to the Robot Operating System	de Leng, Danie; Heintz, Fredrik	Proceedings of the Fifth IEEE International Conference on Simulation, Modeling, and Programming for Autonomous Robots (SIMPAN)	San Francisco, USA	2016
Experimental result for SAR GMTI using monostatic pursuit mode of TerraSAR-X and TanDEM-X on staring spotlight images.	Thomas Sjögren, Viet Vu, Mats Pettersson	Proceedings of EUSAR 2016: 11th European Conference on Synthetic Aperture Radar.	Hamburg, Germany	2016
Experimental results on focusing moving targets in TerraSAR-X and TanDEM-X images.	Viet Vu, Mats Pettersson, Thomas Sjögren	IEEE Radar Conference (RadarConf), 2016. Philadelphia	Philadelphia, USA	2016
Experimental Study of Indoor Tracking Using UWB Measurements and Particle Filtering	Savic, Vladimi; Larsson, Erik G.	17th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC 2016)	Edinburgh, UK	2016
Eye safe lidar and passive EO sensing for cloud monitoring	Ove Steinvall, Ove Gustafsson, Folke Berglund	Proc. SPIE 9988, Electro-Optical Remote Sensing X, 99880C	Baltimore, USA	2016
Feasibility Study on Smartphone Localization using Mobile Anchors in Search and Rescue Operations	Sundqvist, Jacob; Ekskog, Jona; Dil, Bram; Gustafsson, Fredrik; Tordenlid, Jesper; Petterstedt, Michael	Proceedings of 19th International Conference on Sensor Fusion	Heidelberg, Germany	2016

Flip-Chip Integration of Passive and Active MMICs on Low-Loss Silicon Micro-Machined Waveguides.	Robert Malmqvist, Andreas Gustafsson, Jan Svedin, O. Glubokov, B. Beurle, J. Oberhammer	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
Frequency-Domain Interpolation of the Zero-Forcing Matrix in Massive MIMO-OFDM	Kashyap, Salil; Mollén, Christopher; Björnson, Emil; Larsson, Erik G	17th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC)	Edinburgh, UK	2016
Fusion of TOF and TDOA for 3GPP Positioning	Radnosrati, Kamiar; Fritsche, Carsten; Hendeby, Gusta; Gunnarsson, Fredrik; Gustafsson, Fredrik	Fusion 2016, 19th International Conference on Information Fusion : Proceedings	Heidelberg, Germany	2016
Gaussian Process for Propagation modeling and Proximity Reports Based Indoor Positioning	Zhao, Yuxin; Yin, Feng ;Gunnarsson, Fredrik; Amirijoo, Mehdi; Hendeby, Gustaf	2016 IEEE 83rd Vehicular Technology Conference	Nanjing, China	2016
Hyperspectral Image Analysis using Deep Learning -- a Review	Henrik Petersson, David Gustafsson, David Bergström	6th International Conference on Image Processing Theory Tools and Applications (IPTA),	Oulu, Finland	2016
Improved Pedestrian Dead Reckoning Positioning With Gait Parameter Learning	Kasebzadeh, Parinaz; Fritsche, Carsten; Hendeby, Gustaf; Gunnarsson, Fredri; Gustafsson, Fredrik	Proceedings of the 19th International Conference on Information Fusion	Heidelberg, Germany	2016
Indoor Localization Using Multi-Frequency RSS	Skoglund, Martin; Hendeby, Gustaf; Nygård, Jonas; Rantakokko, Jouni ; Eriksson, Gunnar	Proceedings of the IEEE/ION Position Location and Navigation Symposium	Monterey, USA	2016
Integration of GNSS-receivers with Dual Footmounted INS in Urban and Indoor Environments.	Jouni Rantakokko, Jonas Nygård, Peter Strömbäck, Peter Andersson, John Olof Nilsson, Peter Händel	2016 IEEE/ION Position, Location and Navigation Symposium (PLANS),	Savannah, USA	2016
It's more important to be fast than to be informed – Gender, age, disability and ethnicity in relation to IT in the Swedish Rescue Services.	Sefyrin, J. & Pilemalm, S.	13th international conference on Information Systems for Crisis Response and Management (ISCRAM)	Rio de Janeiro, Brazil	2016

Lasers range profiling for small target recognition	Ove Steinvall, Michael Tulldahl	Proc. SPIE 9832, Laser Radar Technology and Applications XXI, 98320E	Baltimore, USA	2016
Learning Objective Agent Behavior using a Data-driven Modeling Approach.	Linus Luotsinen	IEEE International Conference on Systems, Man, and Cybernetics (SMC-2016) Budapest, Ungern 9-12 Oktober, 2016	Budapest, Hungry	2016
Local detection of moving target by focusing in SAR images.	Viet Vu, Mats Pettersson, Thomas Sjögren	IEEE Radar Conference (RadarConf), 2016.	Philadelphia, USA	2016
Lower bounds on the L2-norms of digital resampling filters with zero-valued input samples	Johansson, Håkan; Pillai, Anu Kalidas Muralidharan	Signal and information processing: the heartbeat of a smart society - The 41st International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2016),	Shanghai, China	2016
Massive MIMO as Enabler for Communications with Drone Swarms	Chandhar, Prabhu; Danev, Danyo; Larsson, Erik G.	ICUAS'16 The 2016 International Conference on Unmanned Aircraft Systems	Key Bridge Marriott, Arlington, VA, USA	2016
Millimetre-Wave RF-MEMS Switched MMICs.	Robert Malmqvist, Andreas Gustafsson, B. Grandchamp, P. Frijlink, M. Rocchi	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
Minimax design and order estimation of FIR filters for extending the bandwidth of ADCs	Wang, Yinan; Johansson, Håkan ; Xu, Hui ; Diao, Jietao	IEEE International Symposium on Circuits and Systems (ISCAS 2016)	Montreal, Canada	2016
Model-Predictive Control with Stochastic Collision Avoidance using Bayesian Policy Optimization	Andersson, Olov; Wzorek, Mariusz; Rudol, Piotr; Doherty, Patrick	IEEE International Conference on Robotics and Automation (ICRA	Singapore	2016
Modular Quasi-Optical System for Short and Long Imaging Range At Sub-Millimeter Wave Frequencies.	Erio Gandini, Jan Svedin, Tomas Bryllert, Nuria Llombart	Proceedings of EuCAP	Davos, Switzerland	2016

Multi-Cell Massive MIMO Performance with Double Scattering Channels	Van Chien, Trinh [; Björnson, Emil, Larsson, Erik G. [IEEE International Workshop on Computer Aided Modelling and Design of Communication Links and Networks (CAMAD)	Toronto, Canada	2016
Navigate into Danger	Joakim Rydell, Erika Bilock, Håkan Larsson	2016 IEEE/ION Position, Location and Navigation Symposium - PLANS	Savannah, USA	2016
On Ergodic Rates and Optimal Array Geometry in Line-of-Sight Massive MIMO	Chandhar, Prabhu; Danev, Danyo; Larsson, Erik G	SPAWC 2016. The 17th IEEE International workshop on Signal Processing advances in Wireless Communications	Edinburgh, UK	2016
On Fusion of Sensor Measurements and Observation with Uncertain Timestamp for Target Tracking	Veibäck, Clas; Hendeby, Gusta; Gustafsson, Fredrik	Proceedings of the 19th International Conference on Information Fusion	Heidelberg, Germany	2016
On Joint Range and Velocity Estimation in Detection and Ranging Sensors	Nyqvist, Hanna E; Hendeby, Gusta; Gustafsson, Fredrik	Proceedings of 19th International Conference on Information Fusion (FUSION)	Heidelberg, Germany	2016
On the Performance of Cell-Free Massive MIMO with Short-Term Power Constraints	Interdonato, Giovanni; Ngo, Hien Quoc ; Larsson, Erik G; Frenger, Pål	21st IEEE International Workshop on Computer Aided Modelling and Design of Communication Links and Networks (CAMAD)	Toronto, Canada	2016
On the separability of signal and interference-plus-noise subspaces in blind pilot decontamination	Vinogradova, Juli; Björnson, Emil; Larsson, Erik	41st IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP 2016	Shanghai, China	2016
Once upon a time in Västmanland - the power of narratives or how the "truth" unfolds.	Christian Uhr, Björn JE Johansson, Jonas Landgren, Martin Holmberg, Fredrik Bynander, Samuel Koelega, Jiri Trnka	The 13th International Conference on Information Systems for Crisis Response and Management (ISCRAM),	Rio de Janeiro, Brazil	2016
One-Bit ADCs in Wideband Massive MIMO Systems with OFDM Transmission	Mollén, Christopher; Choi, Junil; Heath, Robert W.	ICASSP 2016, The 41st IEEE International Conference on Acoustics, Speech, and Signal Processing	Shanghai, China	2016

Out-of-Band Radiation Measure for MIMO Arrays with Beamformed Transmission	Mollén, Christopher ; Gustavsson, Ulf; Eriksson, Thoma; Larsson, Erik G.	2016 IEEE International Conference on Communications (ICC),	Kuala Lumpur, Malaysia	2016
Performance of Linear Receivers for Wideband Massive MIMO with One-Bit ADCs	Mollén, Christopher ; Larsson, Erik G; Choi, Junil ; Heath, Robert W.	WSA 2016 - 20th International ITG Workshop on Smart Antennas	München, Deutschland	2016
Platform for improved interaction between fire safety analyses and systematic fire prevention work at nuclear facilities	Sunde, C., Holmberg, J.-E., Frisk, M	In Proc. of 13th International Conference on Probabilistic Safety Assessment and Management (PSAM 13),	Seul	2016
Positioning of Moving Non-Line-of-Sight Targets Behind a Corner.	Tommy Johansson, Åsa Andersson, Magnus Gustafsson, Stefan Nilsson	European Radar Conference (EuRAD), 2016.	London, United Kingdom	2016
Preliminary Validation Results of DigEmergo for Surge Capacity Management.	Rybing, J., Larsson, J., Jonson, C.-O., & Prytz, E	13th international conference on Information Systems for Crisis Response and Management (ISCRAM)	Rio de Janeiro, Brazil	2016
Qualitative Spatio-Temporal Stream Reasoning With Unobservable Intertemporal Spatial Relations Using Landmarks	de Leng, Danie; Heintz, Fredrik	Proceedings of the Thirtieth AAAI Conference on Artificial Intelligence (AAAI)	Phoenix, Arizona	2016
Radar Measurements of Walking Humans behind the Corner in an Urban Environment	Tommy Johansson, Åsa Andersson, Magnus Gustafsson, Stefan Nilsson	GigaHertz Symposium. Swedish Microwave Days.	Linköping, Sweden	2016
RANDOM ACCESS FOR MASSIVE MIMO SYSTEMS WITH INTRA-CELL PILOT CONTAMINATION	de Carvalho, Elisabeth; Björnson, Emil ; Larsson, Erik G; Popovski, Petar	IEEE International Conference on Acoustics, Speech, and Signal Processing	Lujiazui - Shanghai's	2016
Random Access Protocol for Massive MIMO: Strongest-User Collision Resolution (SUCR)	Björnson, Emil ; de Carvalho, Elisabeth ; Larsson, Erik G; Popovski, Petar	IEEE International Conference on Communications (ICC)	Kuala Lumpur, Malaysia	2016

Reliability Analysis of Digital I&C in Nuclear Power Plants.	Holmberg, J.-E., Bäckström, O., Porthin M., Tyrväinen, T	Reliability Analysis of Digital I&C in Nuclear Power Plants.)	Helsinki,Finland	2016
Results of airborne passive SAR ground and sea target imaging using DVB-T signals.	Per-Olov Fröling	IEEE Radar Conference (RadarConf), 2016. Philadelphia	Philadelphia, USA	2016
Safe Fusion Compared to Established Distributed Fusion Methods	Nygårds, Jonas; Deleskog, Vikto; Hendeby, Gustaf	Proceedings of IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems	San Diego, USA	2016
SICA – a software complexity analysis method for the failure probability estimation	Tyrväinen, T., Bäckström, O., Holmberg, J.-E., Porthin, M.,	In Proc. of 13th International Conference on Probabilistic Safety Assessment and Management (PSAM 13	Seul	2016
Stream Reasoning using Temporal Logic and Predictive Probabilistic State Models	Tiger, Mattias; Heintz, Fredrik	23rd International Symposium on Temporal Representation and Reasoning (TIME)	Copenhagen, Denmark	2016
Target Classification in Perimeter Protection with a Micro-Doppler Radar	Svante Björklund, Tommy Johansson, Henrik Petersson	Radar Symposium (IRS), 2016 17th International. Krakow	Krakow, Poland	2016
The development of Nordic guidance in level 3 PSA	Olsson, A., Caldwell, A., Johanson, G., Holmberg, J.-E., Karanta, I., Fritof, K.	In Proc. of 13th International Conference on Probabilistic Safety Assessment and Management (PSAM 13)	Seul	2016
The Thermal Infrared Visual Object Tracking VOT-TIR2016 Challenge Results	Felsberg, Micha; Häger, Gustav; Berg, Amanda et al	COMPUTER VISION - ECCV 2016 WORKSHOPS, PT II	Amsterdam, Nederlands	2016
The Visual Object Tracking VOT2016 Challenge Results	Felsberg, Michael ; Pflugfelder, Häger, Gustav; Robinson, Andreas et al	COMPUTER VISION - ECCV 2016 WORKSHOPS, PT II	Amsterdam, Nederlands	2016
Use of Artificial Neural Networks for Automatic Categorical Change Detection in Satellite Imagery	Garcia Braga, Jose Renato ; Conte, Gianpaolo; Doherty, Patrick; Campos Velho, Haroldo Fraga	Proceedings of the 4th Conference of Computational Interdisciplinary Sciences (CCIS 2016)	Phuket, Thailand	2016

Use of multivariate analysis to minimize collecting of infrared images and classify detected objects	Thomas Svensson, Dietmar Letalick	Proc. SPIE 9988, Electro-Optical Remote Sensing X, 99880M	Edinburgh, United Kingdom	2016
Using Semi-professionals in Emergency Response.	Andersson Granberg, T., Danielsson, N., Fredriksson, A., Nordström, J., Pilemalm, S., Tjernström, R. & Yousefi Mojir, K.,	13th international conference on Information Systems for Crisis Response and Management (ISCRAM)	Rio de Janeiro, Brazil	2016
Waveform Design for Massive MISO Downlink with Energy-Efficient Receivers Adopting 1-bit ADCs	Gokceoglu, Ahmet; Björnson, Emil; Larsson, Erik G; Valkama, Mikko	IEEE International Conference on Communications (ICC)	Kuala Lumpur, Malaysia	2016
Vehicle Speed Tracking Using Chassis Vibrations	Lindfors, Martin; Hendeby, Gustaf; Gustafsson, Fredrik; Karlsson, Rickard	Proceedings of the 2016 IEEE Intelligent Vehicles Symposium (IV)	Gothenburg, Sweden	2016
Visual Autonomous Road Following by Symbiotic Online Learning	Öfjäll, Kristoffer; Felsberg, Michael; Robinson, Andrea	Intelligent Vehicles Symposium (IV), 2016 IEEE	Gothenburg, Sweden	2016