

List peer-reviewed conference papers 2015.

Title of paper	Authors	Name of conference	Location of conference
An Exploratory Study of a Low-Level Shared-Awareness Measure Using Mission-Critical Locations During an Emergency Exercise	Prytz, E; Rybing, J; Jonson; C.-O., Petterson, A; Berggren, P; Johansson, B.	59th Annual Meeting of the Human Factors and Ergonomics Society, Los Angeles, CA	Los Angeles
Good Edgels to Track: Beating the Aperture Problem with Epipolar Geometry	Piccini, Tommaso; Persson, Mikael; Nordberg, Klas; Felsberg, B. Bulcha, J. Hesler, V.	13th European Conference on Computer Vision (ECCV)	Zurich, Switzerland
1.9-3.2 THz Schottky Based Harmonic Mixer Design and Characterization	Drakinskiy, J. Stake och N. Barker	Proceedings of the 45th European Microwave Conference	Paris, France
3D sensing and imaging for UAVs	Christina Grönwall, Gustav Tolt, Patrik Lif, Håkan Larsson, Fredrik Bissmarck, Michael Tulldahl, Markus	SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France
A 874 GHz Mixer Block Integrated Spline Horn and Lens Antenna for the ISMAR Instrument	Y. Karandikar; A. Hammar, P; Sobis, P. Forsberg; A. Emrich; J. Stake,	9th European Conference on Antennas and Propagation, EuCAP	Lisbon, Portugal
A data association framework for general information fusion	Ronnie Johansson, Andreas Horndahl, Magnus Rosell	2015 IEEE International Conference on Multi Fusion och integration för intelligenta system	San Diego, CA, USA
A log-likelihood ratio for improved receiver performance for VLF/LF communication in atmospheric noise	Kia Wiklundh, Karina Fors, Peter Holm	Military Communications Conference, MILCOM 2015 - 2015 IEEE	Tampa, FL, USA
A Low-Level Active Vision Framework for Collaborative Unmanned Aircraft Systems	Danelljan, Martin; Khan, Fahad Shahbaz; Felsberg, Michael; Granström, Karl; Heintz, Fredrik; Rudol, Piotr; Wzorek, Mariusz Kvarnström, Jonas; Doherty, Patrick	13th European Conference on Computer Vision (ECCV)	Zurich, Switzerland
A multi-cell MMSE detector for massive MIMO systems and new large system analysis	X. Li; E. Björnson; E. G. Larsson; S. Zhou; J. Wang	IEEE GLOBECOM 2015	San Diego, CA, USA
A proposal for combining mapping, localization and target recognition	Christina Grönwall, Gustaf Hendeby, Kristian Sinivaara	SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France

A Semi-Automatic Approach for Labeling Large Amounts of Automated and Non-Automated Social Media User Accounts	Christopher Teljstedt, Magnus Rosell, Fredrik Johansson	2015 Second European Network Intelligence Conference (ENIC)	Karlskrona, Sverige
A test of intrusion alert filtering based on network information	Teodor Sommestad, Ulrik Franke		
A Thermal Object Tracking Benchmark	Amanda Berg; Jörgen Ahlberg; Michael Felsberg	12th IEEE International Conference on Advanced Video- and	Karlsruhe, Germany
A tool for coexistence planning in complex radio communication environments	Sara Linder, Kia Wiklundh, Peter Stenumgaard, Karina Fors, Leif Junholm	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany
Accuracy evaluation of 3D lidar data from small UAV	Michael Tuldahl, Fredrik Bissmarck, Håkan Larsson, Christina Grönwall, Gustav Tolt	Proc. SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France
Active and passive EO sensing for the detection of humans and handheld objects	Ove Steinvall, Håkan Larsson, Magnus Pettersson	SPIE 9465, Laser Radar Technology and Applications XX; and Atmospheric	Baltimore, USA
Airborn Sensor Platforms for Surveillance of Smart Savannahs	Clas Veibäck, Gustaf Hendeby, Fredrik Gustafsson	Technology and Methodology for Security and Crisis Management	Kista, Sverige
An overview of agility and resilience: from crisis management to aviation.	Rogier Woltjer, Björn Johansson, Peter Berggren	6th REA Symposium	Lissabon, Portugal
Anomaly detection in the Smart Grid using the hidden Markov model	Maria Andersson	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Blind estimation of effective downlink channel gains in massive MIMO	H. Q. Ngo; E. G. Larsson	in Proc. of IEEE International Conference on Acoustics, Speech and Signal Processing	Brisbane, Australia
Bridging Semantic Interoperability Gaps with SILF.	Reginald Ford, Bjorn Jervell Hansen, David Hanz, Sven Kuehne, Mark Last, Vahid Mojtahed, Dariusz Nogalski,	Military Communications and Information Systems (ICMCIS)	Krakow, Polen
Broadcasting in massive MIMO using OSTBC with reduced dimension	M. Karlsson; E. Björnson; E. G. Larsson	in Proc. of IEEE International Symposium on Wireless Communication Systems (ISWCS)	Brussels, Belgium
Can wireless power transfer benefit from large transmitter arrays?	S. Kashyap; E. Björnson; E. G. Larsson	in Proc. of IEEE Wireless Power Transfer Conference (WPTC)	Colorado, USA
Capacity Benefits of Airborne Nodes in Ad Hoc Networks with Broadcast Traffic	Sara Örn Tengstrand, Sara Linder, Karina Fors, Ulf Sterner	Military Communications and Information Systems (ICMCIS)	Krakow, Polen
Cell-free massive MIMO: Uniformly great service for everyone	H. Q. Ngo; A. Ashikhmin, H. Yang; E. G. Larsson; T. L. Marzetta	in Proc. of IEEE Signal Processing Advances in Wireless Communications (SPAWC),	Stockholm, Sweden

Clutter Properties for a Side-Looking Radar with Planar Regular and Irregular Subarrays	Svante Björklund	2015 16th International Radar Symposium (IRS)	Dresden, Germany
Coloring Channel Representations for Visual Tracking	Danelljan Martin; Häger Gustav; Khan Fahad Shahbaz; Felsberg, Michael	19th Scandinavian Conference, SCIA 2015	Köpenhamn, Danmark
Concealed object stand-off real-time imaging for security: CONSORTIS	R. Appleby, Henrik Petersson, S. Ferguson	2015 International Microwave Symposium (IMS2105)	Phoenix, USA
Cooperative Terrain Based Navigation and Coverage Identification Using Consensus	Braga; André; R; Bruno Marcelo; Özkan, Emre; Fritsche, Carsten; Gustafsson, Fredrik	18th International Conference on Information Fusion (Fusion)	Washington D.C., USA
Cyber Defense in Support of NATO	Santiago Balestrini-Robinson; Gary Horne; Kevin Ng; Simo Huopio; Burhan Ürek; Johan Schubert	Konferens	
Deep Semantic Pyramids for Human Attributes and Action Recognition	Khan, Fahad; Shahbaz Rao; Muhammad Anwer; van de Weijer, Joost; Felsberg, Michael; Laaksonen, Jorma	19th Scandinavian Conference, SCIA	Copenhagen
Designing the Next Generation of Biosensors	Turner, Anthony	Sweden-Japan Seminar on Nanomaterials and Nanotechnology – SJS-	Linköping, Sweden
Detectability of Low-Rate HTTP Server DoS Attacks using Spectral Analysis	Joel Brynielsson, Rishie Sharma	2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and	Paris, France
Detecting Rails and Obstacles Using a Train-Mounted Thermal Camera	Berg, Amanda; Öfjäll, Kristoffer; Ahlberg Jörgen; Felsberg, Fredrik Gustafsson, Gustaf Hendeby, David Lindgren, George Matthai, Hans Habberstad	19th Scandinavian Conference, SCIA 2015	Köpenhamn, Danmark
Direction of Arrival Estimation in Sensor Arrays Using Local Series Expansion of the Received Signal	Fredrik Gustafsson, Gustaf Hendeby, David Lindgren, George Matthai, Hans Habberstad	18th International Conference of Information Fusion, 2015	Washington, D.C., USA,
Distributed massive MIMO in cellular networks: Impact of imperfect hardware & number of oscillators	E. Björnson; M. Matthaiou; A. Pitarokoilis; E. G. Larsson	in Proc. of European Signal Processing Conference (EUSIPCO)	Nice, France
Dithering in Quantized RSS Based Localization	Jin, Di; Yin, Feng; Fritsche, Carsten; Zoubir, Abdelhak M; Gustafsson, Fredrik	Proc. IEEE 6th Int. Workshop on Computational Advances in Multi-	Cancun, Mexico
Efficient algorithms for Next Best View evaluation	Fredrik Bissmarck, Martin Svensson, Gustav Tolt	Intelligent Robots and Systems (IROS), 2015 IEEE/RSJ	Hamburg, Germany
Efficient Cooperative Localization Algorithm in LOS/NLOS Environments	Jin, Di; Yin, Feng; Fritsche, Carsten; Zoubir, Abdelhak ; Gustafsson, Fredrik	Proc. 23rd European Signal Processing Conference (EUSIPCO)	Nice, France
Electromagnetic Environment Mapping for the Assessment of Critical Wireless Services in ISM	Patrik Eliardsson, Björn Gabriellsson, Mikael Alexandersson, Karina Fors, Peter Stenumgaard	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany

Enterprise Architecture with Executable Modelling Rules: A Case Study at the Swedish Defence Materiel Administration.	Mika Cohen, Michael Minock, Daniel Oskarsson, Björn Pelzer	27th International Conference on Advanced Information Systems Engineering (CAiSE)	Stockholm, Sverige
Evaluating Algorithms for Detection of Compromised Social Media User Accounts	David Trång, Fredrik Johansson, Magnus Rosell	2015 Second European Network Intelligence Conference (ENIC)	Karlskrona, Sverige
Evaluation of a Novel Method to Study Inter-Organizational Coordination in Medical Command and Control Centers.	Prytz, E; Rybing, J	19th World congress on disaster and emergency medicine,	Cape Town, South Africa
Experiences from long range passive and active imaging	Christina Grönwall, David Gustafsson, Ove Steinvall, Gustav Tolt	SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France
Experimentation on operational cyber security in CRATE	Teodor Sommestad	NATO STO-MP-IST-133 Specialist Meeting	
Extended Kalman Filter Modifications Based on an Optimization View Point	Martin Skoglund, Gustaf Hendeby, Daniel Axehill	18th International Conference on Information Fusion	Washington, D.C., USA,
Fast-Time and Slow-Time Space-Time Adaptive Processing for Bistatic Radar Interference	Svante Björklund, Anders Nelander, Mats I. Pettersson	2015 IEEE Radar Conference (RadarCon)	Arlington, VA
Field trials for development of multiband signal processing solutions to detect disturbed soil	Henrik Petersson, David Gustafsson, Julia Hedborg, Dietmar Letalick	SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France
First Responder Indoor Positioning Using Multi-Frequency RSS	Martin A. Skoglund, Gustaf Hendeby, Jonas Nygård, Jouni Rantakokko	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Framtida möjligheter med sensordata insamlad från UAS	Håkan Larsson	Postion 2015, Innovationer för samhällsbyggande	Stockholm, Sverige
Future Schemes for Stronger Verification of the Access Rights of Border Control Inspection Systems	Ioana Rodhe, Johan Bengtsson, Amund Gudmundson Hunstad, Henrik Karlzén	Intelligence and Security Informatics Conference (EISIC), 2015	Manchester, UK
GNSS Spoofing Detection Using Multiple Mobile COTS Receivers	Erik Axell, Erik G. Larsson, Daniel Persson	40th International Conference on Acoustics, Speech and Signal Processing	Brisbane, Australien
Ground Sensor Systems for Surveillance of Smart Savannahs	Fredrik Gustafsson, Johan Bergenäs, Mats Amundin, Gustaf Hendeby, Martin Stenmarck, Martin A.	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Heterogeneous Integration of Terahertz Diode Circuits	A. Malko; H. Zhao, V; Drakinskiy, T; Bryllert, J; Vukusic, P; Sobis; J. Stake	Asia-Pacific Microwave Conference	Nanjing, China

Human factors related to the performance of intrusion detection operators	Patrik Lif, Teodor Sommestad	Ninth International Symposium on the Human Aspects of Information Security & Assurance (HAISA 2015)	Lesbos, Greek
Identifying the Educational and Technical Needs of the Emergency Dispatch Service in Kosovo using Hierarchical Task Analysis.	Prytz, E; Hodza-Beganovic, R ;Carlsson; Nilsson, H; Jonson, C.-O.	19th World congress on disaster and emergency medicine,	Cape Town, South Africa
Image alignment for panorama stitching in sparsely structured environments	Meneghetti, Giulia; Danelljan, Martin; Felsberg, Michael; Nordberg, Johan Schubert, Pontus Hörling, Sebastian Döring, Stephan Seichter, Thomas Gruber, Daniel Kallfass, Daniel Huber, Alexander Zimmermann, Guro K. Svendsen	19th Scandinavian Conference, SCIA 2015	Copenhagen, Denmark, June 15-17, 2015
Initial Design of the Data Farming Decision Support Tool for Operation Planning - DFTOP	Johan Schubert, Pontus Hörling, Sebastian Döring, Stephan Seichter, Thomas Gruber, Daniel Kallfass, Daniel Huber, Alexander Zimmermann, Guro K. Svendsen	International What-if? Workshop (IWW) 29	Riihimäki, Finland
Interference Impact on LTE from Radiated Emission Limits	Peter Stenumgaard, Karina Fors, Kia Wiklundh	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany
Interference vulnerability of GSM-R	Kia Wiklundh, Peter Stenumgaard	Technology and Methodology for Security and Crisis Management	Kista, Sverige
Joint Antenna and Propagation Model Parameter Estimation using RSS measurements	Kasebzadeh, Parinaz; Fritsche, Carsten; Özkan, Emre; Gunnarsson, Fredrik; Gustafsson, Fredrik	18th International Conference on Information Fusion	Washington D.C, USA
Joint beamforming and broadcasting in massive MIMO	E. G. Larsson	IEEE Signal Processing Advances in Wireless Communications	Stockholm, Sweden
Label free impedimetric Salmonella aptasensor based on pyrrole (pyrrole -3-carboxyl acid) copolymer.	Sheikhzadeh, Elham Jager, Edwin Chamsaz, M Golabi, Mohsen Turner, Anthony Beni, Valerio	Sweden-Japan Seminar on Nanomaterials and Nanotechnology – SJS-Nano	Linköping, Sweden
Learning Spatially Regularized Correlation	Martin Danelljan; Gustav Häger;	International Conference in Computer Vision	Santiago, Chile
Marginal Weiss-Weinstein bounds for discrete-time filtering	Fritsche, Carsten; Orguner, Umut; Özkan Emre; Gustafsson, Fredrik	2015 IEEE International Conference on Acoustics, Speech, and Signal Processing	Brisbane, Australia
Microelectrode sensors for on-line water monitoring	M. Vagin; A. Sekretaryova; F. Winqvist; A Volkov; I. Zozoulenko; A. Turner; M. Eriksson	TAMSEC (National Symposium on Technology and Methodology for Security and Crisis Management)	Kista, Sweden
Military HF Communications Considering Unintentional Platform Generated Electromagnetic Interference.	Patrik Eliardsson, Erik Axell, Peter Stenumgaard, Kia Wiklundh, Björn Johansson, Börje Asp	Military Communications and Information Systems (ICMCIS)	Krakow, Polen

Mitigation of Co-Chanell Interference by Transmit Power Control	Patrik Eliardsson, Kia Wiklundh, Erik Axell, Peter Stenumgaard	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany
Modulated Smart Material Surfaces for Bacterial Differentiation.	Golabi, Mohsen Jager, Edwin Turner, Anthony	Sweden-Japan Seminar on Nanomaterials and Nanotechnology – SJS-Nano	Linköping, Sweden
Multi-switch for antenna selection in massive MIMO	X. Gao; O. Edfors; F. Tufvesson; E. G. Larsson	IEEE GLOBECOM 2015	San Diego, CA, USA
Natural Language Specification and Violation Reporting of Business Rules over ER-modeled Databases.	Mika Cohen, Michael Minock, Daniel Oskarsson, Björn Pelzer	Advances in Database Technology - EDBT 2015	Brussels, Belgium
Navigation with SAR and 3D-Map Aiding	Toss, Tomas; Dammert, Patrik; Sjanic, Zoran; Gustafsson, Fredrik	18th International Conference on Information Fusion	Washington D.C., USA
New Trends in Radio Network Positioning	Radnosrati, Kamiar; Gunnarsson, Fredrik; Gustafsson, Fredrik	18th International Conference on Information Fusion	Washington DC, USA
On the Cramér-Rao lower bound under model mismatch	Fritsche, Carsten; Orguner, Umut; Özkan, Emre; Gustafsson, Fredrik	2015 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)	Brisbane, Australia
On the feasibility of wireless energy transfer using massive antenna arrays in Rician channels	S. Kashyap; E. Björnson; E. G. Larsson	in Proc. of IEEE Signal Processing Advances in Wireless Communications (SPAWC),	Stockholm, Sweden
Online learning of autonomous driving using channel representations of multi-modal joint distributions2015	Öfjäll, Kristoffer; Felsberg, Michael	Swedish Symposium on Image Analysis (SSBA),	Ystad, Sweden
Passive and active EO sensing of small surface vessels	Ove Steinvall, Lars Allard, Johan Öhgren, Håkan Larsson, Frank Gustafsson, Endre Repasi, Peter Lutzmann, Kennedy McEwen, Kenneth J. McEwan	Electro-Optical Remote Sensing, Photonic Technologies, and Applications	Toulouse, France
Perceived information security risk as a function of probability and severity	Teodor Sommestad, Henrik Karlzén, Peter Nilsson, Jonas Hallberg	9th International Symposium on Human Aspects of Information Security & Assurance	Lesbos, Greek
Performance analysis of frequency-hopping ad hoc networks with random dwell-time under follower jamming	Anders Hansson, Jan Nilsson, Kia Wiklundh	Military Communications Conference, MILCOM 2015 - 2015 IEEE	Tampa, FL, USA
Performance Estimation of DSSS Wireless Systems in Impulsive Interference	Sara Örn Tengstrand, Peter Stenumgaard	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany

Phase Locking of a 2.5 THz Quantum Cascade Laser to a Microwave Reference using THz Schottky Mixer	B. Bulcha, J. Hesler, A. Valavanis, V. Drakinskiy, J. Stake, R. Dong, J. Zhu, P. Dean, L. Li, A. Davies, E.	40th International Conference on Infrared, Millimeter and Terahertz Waves	Hongkong, China
Pose Estimation Using Monocular Vision and Inertial Sensors Aided with Ultra Wide Band.	Hanna E. Nyqvist, Martin A. Skoglund, Gustaf Hendeby, Fredrik Gustafsson	Indoor Positioning and Indoor Navigation (IPIN), 2015	Banff, Canada
Preliminary evaluation results of DigEmergo - a digital simulator prototype for disaster and emergency management training	Rybing, J; Prytz, E.; Hornwall, J; Jonson, C.-O; Nilsson, H; Bång, M.	19th World congress on disaster and emergency medicine,	Cape Town, South Africa
Printed Electrochemical Instruments for Biosensors: Plenary	Beni, Valerio; Nilsson, David; Avern, Pete; Norberg, Petronella; Gustafsson, Goran; Turner, Anthony	Nano-Micro Sensors and Systems in Healthcare and Environmental Monitoring: ECS Transactions 66	USA
Quantification of helicopter rotor downwash effects on Electro-optical defensive aids suites	Dirk P. Seiffer, Christian Eisele, Markus Henriksson, Lars Sjöqvist, Sebastian Möller, Fabio Togna, Marie-Thérèse Velluet	SPIE 9650, Technologies for Optical Countermeasures XII; and High-Power Lasers 2015: Technology and Systems	Toulouse, France
Reconstruction of time-correlated single-photon counting range profiles of moving objects.	Per Jonsson, Julia Hedborg, Markus Henriksson, Lars Sjöqvist	SPIE 9649, Electro-Optical Remote Sensing, Photonic Technologies, and Applications IX	Toulouse, France
Results on GNSS Meaconing Detection with Multiple COTS Receivers	Erik Axell, Mikael Alexandersson, Tore Lindgren	2015 International Conference on Location and GNSS (ICL-GNSS)	Göteborg, Sverige
Robust Stereo Visual Odometry from Monocular Techniques	Persson, Mikael; Piccini, Tommaso; Felsberg, Michael; Mester, Rudolf	IV2015	
RPAS as a sensor carrier	Christina Grönwall, Gustav Tolt, Fredrik Näsström, Michael Tulldahl, Håkan Larsson	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Scanning single pixel time-correlated single-photon counting 3D imaging	Markus Henriksson; Håkan Larsson	Konferens	
Screen printed microband array based biosensor for water monitoring	Sekretareva, Alina;Vagin, Mikhail, Volkov, Anton; V. Zozoulenko; Igor V; Eriksson, Mats	The Frumkin Symposium	Moscow, Russia
Single-shot stand-off detection of explosives precursors using UV coded aperture Raman spectroscopy	Mattias Svanqvist, Markus Nordberg, Henric Östmark	SPIE 9455, Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) Sensing XVI	Baltimore, USA

Small Energy Efficient Sensor Arrays for Finding the Direction to Sound Sources	Gustaf Hendeby, Fredrik Gustafsson, David Lindgren, George Mathai, Hans Habberstad	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Status and Progress of Schottky Technology Development for SWI and ISMAR	V. Drakinskiy; P. Sobis; H. Zhao; A. Malko; T. Bryllert; J. Stake	the 26th International Symposium on Space Terahertz Technology	Cambridge, USA
Target Tracking for Efficient Perimeter Protection	Gustaf Hendeby, David Lindgren, Viktor Deleskog	Technology and Methodology for Security and Crisis Management	Kista, Sverige
The Ensemble Kalman Filter and its relations to other nonlinear filters	Micahel Roth, Carsten Fritsche, Gustaf Hendeby, Fredrik Gustafsson	23rd European Signal Processing Conference (EUSIPCO)	Nice, France
The EU FP7 project INACHUS	Gustav Tolt, Andreas Gustafsson	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
The risk of coexistence problems between DAB and DVB-T2 and military services at the 225-240 MHz band	Kia Wiklundh	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)	Dresden, Germany
The Thermal Infrared Visual Object Tracking VOT-TIR2015 Challenge Results	Felsberg, Michael; Berg, Amanda	IEEE International Conference on Computer Vision Workshop	Santiago, Chile
The Visual Object Tracking {VOT2014} Challenge Results	Kristan, Matej; Felsberg, Michael	13th European Conference on	Zurich, Switzerland
Threat detection and situational awareness for merchant shipping	Maria Andersson, Niclas Wadströmer, Karl-Göran Stenborg, Henrik Petersson, Robert Forsgren, Jonas Allvar	Technology and Methodology for Security and Crisis Management (TAMSEC) 2015	Kista, Sverige
Three practical aspects of massive MIMO: Intermittent user activity, pilot synchronism, and asymmetric deployment	E. Björnson; E. G. Larsson	GLOBECOM	San Diego, CA, USA
Three-Dimensional DPCA with Rotating Antenna for Clutter Cancellation	Svante Björklund	2015 IEEE Radar Conference (RadarCon)	Arlington, VA
Time-correlated single photon-counting range profiling of moving objects	Julia Hedborg; Per Jonsson; Markus Henriksson; Lars Sjöqvist	Konferens	
Total phenol analysis of water using a laccase-based microsensor array	Sekretareva, Alina; Vagin, Mikhail; Yu Volkov; Anton V. Zozoulenko; Igor V; Turner, Anthony; Eriksson, Mats.	Program of the XXIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society.	Malmö, Sweden
Tracking of Dolphins in a Basin Using a Constrained Motion Model	Clas Veibäck, Gustaf Hendeby, Fredrik Gustafsson	18th International Conference on Information Fusion	Washington, D.C., USA,

Tunable Conjugated Polymers for Bacterial Differentiation	Jager, Edwin; Turner, Anthony	4th International Conference on Bio-	Lisbon, Portugal
Unbiased decoding of biologically motivated visual feature descriptors	Michael Felsberg; Kristoffer Öfjäll; Reiner Lenz	Linköping University Post Print	
Uplink pilot and data power control for single- cell massive MIMO Systems with MRC	H. V. Cheng; E. Björnson; E. G. Larsson	in Proc. of IEEE International Symposium on Wireless Communication Systems (ISWCS)	Brussels, Belgium
Upplyft sensor på UAV	Håkan Larsson	Konferens	
Use of Phenylboronic Acid Derivatives in Molecular Imprinting of Whole Bacterial Cells	Golabi, Mohsen; Beni, Valerio; Kuralay, Feliz; Uzun, Lokman; Jager, Edwin; Turner, Anthony	2 nd International Congress on Biosensors – BiosensorTR2015	Izmir, Turkey
Weighted Update and Comparison for Channel-Based Distribution Field Tracking	Öfjäll, Kristoffer; Felsberg, Michael	13th European Conference on Computer Vision (ECCV)	Zurich, Switzerland
	M. Vagin, A. Sekretaryova, F. Winqvist, A. Volkov, I. Zozoulenko, A. Turner and M. Eriksson	TAMSEC (National Symposium on Technology and Methodology for Security and Crisis Management)	Kista, Sweden