

## Scientific peer-reviewed publications in refereed journals 2010

\*) Co-publication academy - industry

Authors	Title of publication	Journal	Volume	Issue	Pages	Year
H. Zhao, A.-Y. Tang, P. Sobis, T. Bryllert, K. Yhland, J. Stenarson, J. Stake	TRL-Calibration and S-Parameter Characterization of Membrane Circuits for Submillimeter Wave Frequencies	IEEE Microwave and Wireless Components Letters	21		To be published	2011 *)
D. Lindgren, O. Wilsson, F. Gustafsson, H. Habberstad	Shooter Localization in Wireless Microphone Networks	EURASIP Journal on Advances in Signal Processing			Art. No. 690732	2010
G. Hendeby, R. Karlsson, F. Gustafsson	Particle Filtering : The Need for Speed	EURASIP Journal on Advances in Signal Processing			Art. No. 181403	2010
J. Callmer, M. Skoglund, F. Gustafsson	Silent Localization of Underwater Sensors Using Magnetometers	EURASIP Journal on Advances in Signal Processing			Art. No. 709318	2010
B.J.E. Johansson, J. Trnka, R.Granlund, A. Gotmar	The Effect of a Geographical Information System on Performance and Communication of a Command and Control Organization	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION	26	2-3	228-246	2010
K. Wiklundh	An Approach to Using Amplitude Probability Distribution for Emission Limits to Protect Digital Radio Receivers Using Error-Correction Codes	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	52	1	223-229	2010
K. Fors, K. Wiklundh, P. Stenumgaard	An improved Impulsiveness Correction Factor for Control of Electromagnetic Interference in Dynamic Spectrum Access Application	IET Communication Letters		4	437-442	2010
H. Carlsen, K-H Dreborg, M. Godman, S-O. Hansson, L. Johansson, P. Wikman-Svahn	Assessing socially disruptive technological change	Technology in Society	32	3	209-218	2010
Sven Ove Hansson	Risk – Objective or Subjective, Facts or Values?	Journal of Risk Research	13		231-238	2010
Christina Rudén, Sven Ove Hansson	REACH is but the First Step – How Far Will it Take Us? Six Further Steps to Improve the European Chemicals Legislation	Environmental Health Perspectives		118	6-10	2010
Sven Ove Hansson	L'incertitude en matière de technologie	Annales des Mines		57	70-74	2010
Sven Ove Hansson	Promoting Inherent Safety	Process Safety and Environmental Protection		88	168-172	2010
Sven Ove Hansson	Past probabilities	Notre Dame Journal of Formal Logic		51	207-233	2010
J. Lundberg, C. Rollenhagen, E. Hollnagel	What you find is not always what you fix - How other aspects than causes of accidents decide recommendations for remedial actions	Accident Analysis and Prevention	42	6	2132-2139	2010
C. Rollenhagen, J. Westerlund, J. Lundberg, E. Hollnagel	The context and habits of accident investigation practices: A study of 108 Swedish investigators	Safety Science	48	7	859-867	2010
C. Rollenhagen	Can focus on safety culture become an excuse for not rethinking design of technology	Safety Science	48	2	268-278	2010
A-K Lindberg, S.O. Hansson, C. Rollenhagen	Learning from accidents - What more do we need to know?	Safety Science	48	6	714-721	2010
G. Sandulescu and S. Nadjm-Tehrani	Adding Redundancy to Replication in Window-aware Delay-tolerant Routing	Journal Of Communications, Special Issue in Delay Tolerant Networks, Architecture, and Applications	5	2	117-12	2010
M. Bshara, U. Orguner, F. Gustafsson, L. Van Biesen	Fingerprinting Localization in Wireless Networks Based on Received-Signal-Strength Measurements: A Case Study on WiMAX Networks	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	59	1	283-294	2010
Fredrik Gustafsson	Particle Filter Theory and Practice with Positioning Applications	IEEE AEROSPACE AND ELECTRONIC SYSTEMS MAGAZINE	27	7	53-81	2010
J. Hol, T. Schön, F. Gustafsson	Modeling and Calibration of Inertial and Vision Sensors	The international journal of robotics research	29	2	231-244	2010
H. Nilsson, T. Vikström, A. Rüter	Quality control in disaster medicine training--Initial regional medical command and control as an example	American journal of disaster medicine	5	1	35-40	2010
T. Sundström, A. Alvandpour	A 6-bit 2.5-GS/s Flash ADC using Comparator Redundancy for Low Power in 90nm CMOS	Analog Integrated Circuits and Signal Processing	64	3	215-222	2010