

## Fachbereich Informatik und Elektrotechnik

### Liste der Vorträge und Veröffentlichungen 2014

#### Vorträge

- Wolff, Badri-Hoehner, "Imaging Sonar-Based Fish Detection in Shallow Waters", in Proc. MTS/IEEE Oceans Conference (OCEANS'14), St. John's, Canada, September 2014.
- Nsiri, Boudhane, Badri-Hoehner, "Optical Fish Estimation and Detection in Noisy Environment", in Proc. MTS/IEEE Oceans Conference (OCEANS'14), St. John's, Canada, September 2014.
- Zeiger, Badri-Hoehner, "A Novel Method for Surface to Subsea Localization Utilizing a Modified Hough Transform", in Proc. MTS/IEEE Oceans Conference (OCEANS'14), St. John's, Canada, September 2014.
- N. Gruschka, L. Lo Iacono, C. Sorge: "Analysis of the current state in website certificate validation", Security and Communication Networks
- Jeromin, B. Boesche, H. Jacobsen, R. Patz: „Schwingungsmessung auf der Offshore-Forschungsplattform FINO3“, VDI-Berichte 2220, Bremen, 2014
- A. Jeromin, B. Boesche, H. Jacobsen, R. Patz, B. Lehmann-Matthaei, J. Bachmann: „Structural Monitoring on Germany's Offshore Research Platform FINO3“, Keynote in 7th European Workshop on Structural Health Monitoring, 8.-11. Juli, Nantes, Frankreich, 2014
- G. Mannmeusel, M. Bäßler, H. Ströbel-Maier, M. Becker, F. Osterwald, „Influence of Danfoss Bond Buffer and Cu-wire Bonds on the Electrical Switching Behaviour of IGBTs,“ Proc. of the International Exhibition and Conference on Power Electronics and Intelligent Motion (PCIM), Nürnberg, 2014, pp. 182-189
- G. Mannmeusel, M. Bäßler, H. Ströbel-Maier, M. Becker, F. Osterwald, „Bond Buffer – Increase Power Density and Lifetime without Changing the System,“ Bodo's Power Systems, Oktober 2014
- J. Rudzki, F. Osterwald, M. Becker, R. Eisele, M. Poech, „Power Modules with Increased Power Density and Reliability Using Cu Wire Bonds on Sintered Metal Buffer Layers,“ Proc. of Integrated Power Systems (CIPS), Nürnberg, 2014, pp. 450-455
- R. Dudek, R. Döring, P. Sommer, B. Seiler, K. Kreyszig, H. Walter, M. Becker, M. Günther, „Combined Experimental- and FE-Studies on Sinter-Ag Behaviour and Effects on IGBT-Module Reliability,“ Proc. of Thermal, mechanical and multi-physics simulation and experiments in microelectronics and microsystems (eurosime), Ghent, 2014 pp.632-640
- Aylin Bicakci\*, Ronald Eisele\*, Frank Osterwald\*\*, Klaus Olesen\*\*(\*University of Applied Sciences Kiel, \*\* Danfoss Silicon Power GmbH); „Comparison between Organic and Ceramic Substrate Insulation“; 5th Electronics System-Integration Technology Conference – ESTC, Helsinki, 2014
- Ronald Eisele\*, Martin Becker\*, Frank Osterwald\*\*, Klaus Olesen\*\*, Jacek Rudzki (\*University of Applied Sciences Kiel, \*\* Danfoss Silicon Power GmbH); „Aufbau- und Verbindungstechnik für hochzuverlässige Leistungsmodule“; Innocluster Leistungselektronik Workshop, Schleswig Holstein; Itzehoe 2014
- Nils Gruschka: INFORMATIK 2014: „Aligning User Consent Management and Service Process Modeling“
- N. Gruschka, L. Lo Iacono, C. Sorge: "Analysis of the current state in website certificate validation", Security and Communication Networks
- Harald Jacobsen: A. Jeromin, B. Boesche, H. Jacobsen, R. Patz: „Schwingungsmessung auf der Offshore-Forschungsplattform FINO3“, VDI-Berichte 2220, Bremen, 2014

- A. Jeromin, B. Boesche, H. Jacobsen, R. Patz, B. Lehmann-Matthaei, J. Bachmann: „Structural Monitoring on Germany's Offshore Research Platform FINO3“, Keynote in 7th European Workshop on Structural Health Monitoring, 8.-11. Juli, Nantes, Frankreich, 2014
- K. Lebert, M. Paulweber: Mess- und Prüfstandstechnik Antriebsstrangentwicklung - Hybridisierung – Elektrifizierung , ISBN: 978-3-658-04452-7 (Print) 978-3-658-04453-4 (Online)
- R. Gerndt, I. Schiering, J. Lüsse. Elements of scrum in a students robotics project: a case study. Journal of Automation Mobile Robotics and Intelligent Systems, 8, 2014

## Veröffentlichungen

- Dirk Schäfer, Carsten Meyer, Peter Eshuis and Michael Grass, “Super short scan C-arm tomography and segmentation for guidance of cardiac interventions”, TCT Meeting 2014, September 2014 (abstract)
- Lyubomir Zagorchev, Thomas Stehle, Carsten Meyer, Fabian Wenzel, Veljko Popov, Michael M. Hakky and Sebastian Flacke, “Shape-constrained Deformable Segmentation for Alzheimer’s Disease”, OHBM Annual Meeting 2014, Juni 2014 (abstract)
- Reinhardt Gerndt, Frank Klawonn, Jens Lüsse, Carsten Meyer, “Maschinelles Lernen I”, Studienbrief ROB301 für die AKAD Bildungsgesellschaft mbH
- Reinhardt Gerndt, Frank Klawonn, Jens Lüsse, Carsten Meyer, “Maschinelles Lernen III”, Studienbrief ROB303 für die AKAD Bildungsgesellschaft mbH
- Th. Brandt, R. Patz, "SOC-based Phase Sensitive Detector for Magnetic Induction Tomography", Conference presentation, Intl. Symposium on Ambient Intelligence and Embedded Systems (AmiES), Aveiro, Portugal, 2-4 Oct. 2014
- Jones, P; Patz, R; Thomas, B; McCarthy, S, "Micro-sized enterprises, innovation and universities: a Welsh perspective", Industry and Higher Education, Vol. 28, Number 1, pp. 39 - 49 (11), February 2014.
- H. Schramm, „Maschinelles Lernen geometrischer Formmodelle zur Landmarkenlokalisierung und Bildklassifikation“, Antrittsvorlesung CAU, Juni 2014.
- H. Schramm, C. Meyer „Automatic Image Analysis: Object localization and classification in images and video sequences“, Schleswig-Holsteinische Bildverarbeitungstage 2014.
- F. Hahmann, G. Böer, T. M. Deserno, H. Schramm, „Epiphyses Localization for Bone Age Assessment Using the Discriminative Generalized Hough Transform“, Bildverarbeitung für die Medizin 2014, Springer Berlin Heidelberg.
- Rathmann H., Benecke W., Kähler D., Eichholz J, Weber C., “Novel Method of State of Charge Estimation using insitu Impedance Measurement” IECON 2014, Dallas, USA
- Rathmann H., Benecke W., Kähler D. Weber C, “State-of-Charge Bestimmung anhand von Impedanzmessungen für Lithium-Ionen-Zellen“, 7. Entwicklerforum in Aschaffenburg
- Wehrend, H., “Concept to use ATP as data generator for IEC 61850 compatible IED’s”, International EEUG conference and meeting, Calgiary, Italy 2014
- Wehrend, H., “P/F-protection and its implementation in ATP / ATPDraw / Models”, International EEUG conference and meeting, Calgiary, Italy 2014