

## Fachbereich Maschinenwesen

### Liste der Vorträge und Veröffentlichungen 2014

#### Vorträge

- Jeromin, B. Boesche, H. Jacobsen, R. Patz, B. Lehmann-Matthaei, J. Bachmann: „Structural Monitoring on Germanys Offshore Research Platform FINO3“, Keynote in 7th European Workshop on Structural Health Monitoring, 8.-11. Juli, Nantes, Frankreich, 2014
- Jeromin, A., Boesche, B., Jacobsen, H., Patz, R.: „Schwingungsmessung auf der Offshore-Forschungsplattform FINO3“, 5. VDI-Fachtagung Schwingungen an Windenergieanlagen 2014, Bremen, Germany, 11./12. Feb. 2014, In: VDI-Berichte 2220, Herausgeber: VDI Wissensforum GmbH, 2014
- Berend Bohlmann, Till Köder, „Experimental Fatigue Analysis of Butt-Welded Joints Vortrag 2nd International Symposium on Naval Architecture and Maritime (Int.-Nam conference)“ Istanbul, Oktober 2014
- Prof. Dr. Bernd Finkemeyer: „Towards Some Robotics Issues“. Vortrag an der University of Southern Denmark, Odense, 12.12.2014
- Prof. Dr. Bernd Finkemeyer: „Moderne Zeiten werde modern“. Kieler Prozessmanagementforum, Kiel, 19.12.2014
- C Boehm and K Graf: Advancement in Free Surface Rance Simulation for Sailing Yacht Applications, Proc. 3rd innovSail, Intl. Conference on Innovations in High Performance Sailing Yachts, Lorient/France
- Prof. Dr. Alois Schaffarczyk: „The Scientific Life of Ludwig Prandtl (1875 – 1953)“ Annual Meeting of the IEAwind Task 29 “MexNext), Mian Yang, China, Oktober. 2014

#### Veröffentlichungen

- Jeromin, A., Boesche, B., Jacobsen, H., Patz, R.: „Schwingungsmessung auf der Offshore-Forschungsplattform FINO3“, 5. VDI-Fachtagung Schwingungen an Windenergieanlagen 2014, Bremen, Germany, 11./12. Feb. 2014, In: VDI-Berichte 2220, Herausgeber: VDI Wissensforum GmbH, 2014
- Till Köder, Berend Bohlmann „Experimental fatigue analysis of butt-welded joints Ship Technology Research“ Vol. 61, Issue 3.Aug. 2014
- M. Fatnassi, C.-H. Solterbeck and M. Es-Souni „Clay Nanomaterial Thin Film Electrodes for Electrochemical Energy Storage Applications **RSC Advances**“, 2014, 4, 46976-46979, DOI: 10.1039/C4RA04330H

- M. Es-Souni and S. Habouti, „Ordered Nanomaterials Thin Films via Supported Anodized Alumina Templates”, invited technology report **Frontiers in Materials**, **2014**, **1**, DOI: 10.3389/fmats.2014.00019
- M. Zannen, M. Dietze, H. Khemakhem and M. Es-Souni „Ferroelectric (Na<sub>1/2</sub>Bi<sub>1/2</sub>)TiO<sub>3</sub> thin films showing photoluminescence properties” **Applied Physics A**, **2014**, **117**, **1485-1490**, DOI: 10.1007/s00339-014-8581-2
- S. Habouti, C. Kunstmann-Olsen, J.D. Hoyland, H.-G. Rubahn and M. Es-Souni „In situ ZnO-PVA nanocomposite coated microfluidic chips for biosensing” **Applied Physics A**, **2014**, **115**, **645-649**, DOI: 10.1007/s0039-014-8397-0
- S. Habouti and M. Es-Souni „Au-NRs / VO<sub>2</sub>-NPs nanocomposites supported on glass substrates: Microstructure and optical properties” **CrystEngComm**, 2014, 16, 3068 - 3071
- R. Minch, K.R. Moonosawmy, C.-H. Solterbeck and M. Es-Souni „The Influence of Processing Conditions on the Morphology and Thermo-chromic Properties of Vanadium Oxide Films” **Thin Solid Films**, 2014, 556, 277-284
- M. Es-Souni, D. Schopf, C. Solterbeck and M. Dietze „Novel Approach to the Processing of Meso-Macroporous Thin Films of Graphite and in-situ Graphite-Noble Metal Nanocomposites” **RSC Adv.**, 2014, 4, 17748 – 17752
- Böhm C, Graf K. „Advancements in free surface RANS simulations for sailing yacht applications”. J Ocean Engineering 2014;Vol. 90.
- Graf K, van Hove, Adrian and Watin, Simon. „Comparison of full 3D-RANS simulations with 2D-RANS/lifting line method calculations for the flow analysis of rigid wings for high performance multihulls. J Ocean Engineering 2014;Vol. 90.
- Schaffarczyk A, Herausgabe und Chapter-Author „Wind Turbine Technology“, John Wiley & Sons, Chichester, UK, May 2014
- Schaffarczyk A, „Introduction to Wind Turbine Aerodynamics“ Springer, Dezember 2014