













## Literatur

- [1] E. Ebert (2017): Optische Messtechnik zur Charakterisierung maritimer Kavitationskeime, [http://rosdok.uni-rostock.de/metadata/rosdok\\_disshab\\_0000001710](http://rosdok.uni-rostock.de/metadata/rosdok_disshab_0000001710), Dissertation, Universität Rostock
- [2] A. Kleinwächter, E. Ebert, R. Kostbade & N. Damaschke (2012): Concept for opticalfull-scale measurements of ship propeller in flow and bubble size distribution, Proceedings of the 8th International Symposium on Cavitation CAV2012, Submission No. 256, August 14-16, DOI 10.3850/978-981-07-2826-7\_256, Singapore
- [3] E. Ebert, A. Kleinwächter, R. Kostbade & N. Damaschke (2014): Interferometric Particle Imaging for particle characterization in the wake flow of a ferry ship and in cavitation tunnels, Proceedings of the Lisbon 17th 2014 International Symposium On Applications of Laser Techniques to Fluid Mechanics, Lissabon
- [4] E. Ebert, W. Kröger & N. Damaschke (2015): Hydrodynamic Nuclei Concentration Technique in Cavitation Research and Comparison to Phase-Doppler Measurements, Proceedings of the 9th International Symposium on Cavitation, CAV2015, Lausanne
- [5] E. Ebert, W. Kröger, A. Kleinwächter, R. Kostbade & N. Damaschke: HDNC - A Novel Technique for Cavitation Nuclei Characterization and Particle Count Concentration Measurements, Proceedings of the 16th International Symposium on Transport Phenomena and Dynamics of Rotating Machinery, ISROMAC 2016, Honolulu, 2016
- [6] Black, D. L., McQuay, M. Q. & Bonin, M. P. (1996): Laser-based techniques for particlesize measurement: A review of sizing methods and their industrial applications. In: Progress in Energy and Combustion Science, 22, 3: 267 306. URL <http://www.sciencedirect.com/science/article/pii/S0360128596000081>
- [7] Dehaeck, S. (2007): Development of Glare Point, Shadow and Interferometric Planar Techniques for Gas Bubble Sizing. Dissertation, Universiteit Gent.
- [8] Honkanen, M. (2006): Direct Optical Measurement of Fluid Dynamics and Dispersed Phase Morphology in Multiphase Flows. Dissertation, Tampereen teknillinen yliopisto. Julkaisu - Tampere University of Technology Institute of Energy and Process Engineering. URL <http://URN.fi/URN:NBN:fi:tty-200810021070>
- [9] Maeda, M., Kawaguchi, T. & Hishida, K. (2000): Novel interferometric measurement of size and velocity distributions of spherical particles in fluid flows. In: Meas. Sci. Technol., 11: L13L18. URL <http://iopscience.iop.org/0957-0233/11/12/101>
- [10] Damaschke, N., Nobach, H. & Tropea, C. (2002c): Optical limits of particle concentration for multi-dimensional particle sizing techniques in fluid mechanics. In: Exp. in Fluids, 32: 143 p152. URL [http://download.springer.com/static/pdf/532/art%253A10.1007%252Fs00348-001-0371-x.pdf?auth66=1390854755\\_9fb0de37a76c33f1ce36756c4bab0147&ext=.pdf](http://download.springer.com/static/pdf/532/art%253A10.1007%252Fs00348-001-0371-x.pdf?auth66=1390854755_9fb0de37a76c33f1ce36756c4bab0147&ext=.pdf)
- [11] Ruiz, S. G., Vetrano, M. R. & van Beeck, J. (2014): Feasibility of using glory and speckle patterns for sizing spherical and irregular particles. In: Appl. Opt., 53, 21: 4722 - 4728. URL <http://ao.osa.org/abstract.cfm?URI=ao-53-21-4722>.
- [12] Carrascal, P. G., Ruiz, S. G. & van Beek, J. (2014): Irregular particle sizing using specklepattern for Continuous Wave Laser applications. In: Exp. Fluids.