

## Publikationen

Christian Vogt, Rolf Rascher, Florian Schneider (2013): Grinding Processes for Silicon Carbide (CSiC) Materials. In: Proceedings of the 13th International Conference of the European Society for Precision Engineering & Nanotechnology, Berlin.

Christine Wünsche, Markus Schinhärl, Florian Schneider, et al. (2013): 3D Scale - A system to reduce and compensate the influence of multiple axis errors of rotational axes. In: SPIE Photonics West, Optoelectronic Materials and Devices, SPIE 2013.

Roland Maurer, Florian Schneider (2013): Tactile and Contactless Measurement of an Optical Surface. In: Proceedings of the 6th High Level Expert Meeting (HLEM), asphere and free form metrology, Braunschweig.

Christine Wünsche, Roland Maurer, R. Stamp, G. Smith, Florian Schneider (2013): Analysis of three different measurement strategies carried out with the TII-3D coordinate measurement system. In: SPIE Optics + Photonics 2013, Optical Engineering + Applications. DOI: 10.1117/12.2024001.

Christine Wünsche, Roland Maurer, Rolf Rascher, Florian Schneider (2013): Calculation of the reference surface error by analyzing a multiple set of sub-measurements. In: SPIE Optics + Photonics 2013, Optical Manufacturing and Testing X, volume 8838. DOI: 10.1117/12.2024003.

Roland Maurer, Florian Schneider (2013): Tactile and Contactless Measurement of an Optical Surface. In: 6th High Level Expert Meeting, asphere and free form metrology, Braunschweig.

Florian Schneider (2013): Optische 3D-Messtechnik in der industriellen Produktion. In: Clusterworkshop Forum Mechatronik.

Florian Schneider (2013): Aktueller Stand TII-3D. In: 1. Internes Optikseminar, Teisnach.

Florian Schneider (2013): Topographische Koordinatenmessmaschine TII-3D. In: Untertitel, Degendorf.

Christian Vogt, H. Adelsberger, Florian Schneider (2011): Modellierung und Bearbeitung optischer Flächen mittels CAD /CAM-Software. In: Proceedings zur 112. Jahrestagung der DGaO (Technische Universität Ilmenau; 14.-18. Juni 2011).

S. Sinzinger, R. Mandler, Christian Vogt, Roland Maurer, Rolf Rascher, Peter Sperber, H. Adelsberger, Lutz Kuepper, Florian Schneider (2011): An Experimental Study on a Flexible Grinding Tool. In: Advanced Materials Research, vol. 325, pp. 91-96. DOI: 10.4028/www.scientific.net/AMR.325.91.

Christian Vogt, Markus Schinhärl, Roland Maurer, Rolf Rascher, Peter Sperber, Florian Schneider (2011): Physical marker based stitching process of circular and non-circular interferograms. In: Proc. SPIE 8083, Modeling Aspects in Optical Metrology III (SPIE Optical Metrology; May 2012;Munich, Germany). DOI: 10.1117/12.889491.

Florian Schneider (2011): Einfluss von Fehlern auf die Messtechnik. In: 1. Forum Wirtschaft und Hochschule.

Florian Schneider (2011): Formvermessung mit der Koordinatenmessmaschine TII-3D. In: 5. Optikseminar, Teisnach.

Christian Vogt, Markus Schinhärl, Rolf Rascher, Peter Sperber, Florian Schneider (2010): Investigations on Grinding Tools for Silicon Carbide Based Advanced Materials. In: International Optical Design Conference 2010 (13-17 June 2010, Jackson Hole, WY, USA), Bellingham, vol. Vol. 7652.

Christian Vogt, Markus Schinhärl, Rolf Rascher, Peter Sperber, Florian Schneider (2010): Investigations on Magnetorheological Finishing of High-Quality Optical Surfaces with Varying Influence Function (Proceedings of Optical Fabrication and Testing 2010; Jackson Hole, WY, USA; June 13-17, 2010). In: Optical Fabrication and Testing on CD-ROM, Washington, DC, USA. DOI: 10.1364/OFT.2010.OWD3.

Christian Vogt, Markus Schinhärl, Rolf Rascher, Peter Sperber, Florian Schneider (2010): Relationship between influence function accuracy and polishing quality in magnetorheological finishing. In: Proceedings of the 5th International Symposium on Advanced Optical Manufacturing and Testing Technologies: Advanced Optical Manufacturing Technologies (Dalian, China; April 26-29, 2010), vol. 7655. DOI: 10.1117/12.865508.

Christian Vogt, Markus Schinhärl, Roland Maurer, Rolf Rascher, R. Stamp, Peter Sperber, G. Smith, Florian Schneider (2010): Effects of mechanical inaccuracies on the measurement result in metrology systems. In: Proceedings of the 5th International Symposium on Advanced Optical Manufacturing and Testing Technologies: Optical Test and Measurement Technology and Equipment, vol. 7656.

Christian Vogt, Roland Maurer, Florian Schneider (2010): Vibration errors caused by tactile measurements. In: 1st International Euspen Challenge, Jena.

Florian Schneider (2010): Topographic measurement system TII-3D, Design and thermal effects. In: 2. International Workshop "Novel Developments and Applications in Sensor Technology", Coburg.

Florian Schneider (2010): Topographisches Messgerät TII-3D, Temperatureffekte bei Langzeitmessungen.

Christian Vogt, Roland Maurer, Rolf Rascher, Peter Sperber, Florian Schneider (2010): Effects of mechanical inaccuracies on the measurement result in metrology systems. In: SPIE Conference, Dalian, China.

Rolf Rascher, Florian Schneider (2010): Effects of mechanical inaccuracies on the Measurement result in metrology systems. In: 5th SPIE International Symposium on Advanced Optical Manufacturing and Testing Technologies, Dalian, China.

Christian Vogt, Markus Schinhärl, Roland Maurer, Rolf Rascher, R. Stamp, Peter Sperber, G. Smith, Florian Schneider (2009): Strategies for grinding optical free-forms using ball-shaped grinding wheels. In: SPIE Optifab, Rochester, NY, USA.

Roland Maurer, Rolf Rascher, R. Stamp, A. Bickert, G. Smith, Florian Schneider (1002): SG-Sensor – an affordable tactile alternative.

Rolf Rascher, Christian Schopf, Florian Schneider: ArenA – Foi: Erprobung des ADAPT-Polierwerkzeugs. Posterpräsentation. In: 5. Tag der Forschung, Deggendorf.