

Publikationen

Roland Maurer, Rolf Rascher, Thomas Stubenrauch, et al., Johannes Liebl, Engelbert Hofbauer (2013): Approach to the measurement of astronomical mirrors with new procedures. In: Optical Metrology 2013, Optical Measurement Systems for Industrial Inspection VIII, volume 8788.

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, Heiko Biskup, Roland Maurer, Rolf Rascher, Christian J. Trum (2013): Determination of a suitable parameter field for the active fluid jet polishing process. In: Optifab 2013, vol. Volume 8884. DOI: 10.1117/12.2028752.

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.

Roland Maurer (2013): Stitching in der Messtechnik. In: 6. Optikseminar - Agenda zur modernen Optikfertigung, Teisnach.

Roland Maurer, Christian Schopf (2013): Determination of a suitable parameter field for the active fluid jet polishing process. In: Optifab 2013, Rochester, NY, USA.

Roland Maurer (2013): Calculation of the reference surface error by analyzing a multiple set of sub-measurements. In: SPIE Optics + Photonics 2013, San Diego, CA, USA.

Roland Maurer (2012): Aktuelle Messtechnik am Technologie Campus Teisnach. In: Photonik Bayern.

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.

Roland Maurer (2011): Physical marker based stitching process of circular and non-circular interferograms. In: Optical Metrology 2011, München.

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.

Roland Maurer (2011): Stitching-Interferometrie zur Vermessung großer Teleskopspiegel. In: Cluster Sensorik Regensburg, Workshop Optische 2D/3D-Prüf- und Messtechniken, Regensburg.

Roland Maurer, Horst Linthe, Engelbert Hofbauer (2011): Messunsicherheit bei der interferometrischen Formvermessung. In: Photonik - Fachzeitschrift für die optischen Technologien, no. 2.

Roland Maurer (2010): Stitching-Interferometry. In: 4. Optikseminar, Teisnach.

Roland Maurer (2010): Stitching-Interferometry. In: 2. International Workshop "Novel Developments and Applications in Sensor Technology", Coburg.

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.

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.

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.

