

## Publikationen

- (2020): Observation of pressure distribution between tool and surface in different polishing situations. In: Proceedings of SPIE Optical Engineering + Applications (24 August - 04 September, 20208; Optical Manufacturing and Testing XIII; online conference), San Diego, United States, vol. 11487. DOI: 10.1117/12.2567885.
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- (2020): Application of a pressure measuring film for pressure observation in overarm polishing. In: Proceedings of EOSAM 2020 (European Optical Society Biennial Meeting; 7-11 September 2020; online), vol. 238. DOI: 10.1051/epjconf/202023803003.
- (2020): Interferometric measurement with robot kinematics. In: Proceedings of SPIE Optical Engineering + Applications (24 August - 04 September, 20208; Optical Manufacturing and Testing XIII; online conference), San Diego, United States, vol. 11487. DOI: 10.1117/12.2568348.
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- (2020): Characterization and Production of PCB Structures With Increased Ratio of Electromagnetic Field in Air. In: IEEE Transactions on Microwave Theory and Techniques, vol. 68, no. 6, pp. 2134-2143. DOI: 10.1109/TMTT.2020.2983934.
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- (2020): Design and Comparison of Filter Structures in the Millimetre Wave Frequency Range on Outer- and Inner-Layers of Organic Circuits Boards. [Invited Talk]. In: Proceedings of the 2020 European Microwave Conference (EuMC).
- (2020): Simulation and Measurement of PCB Crossover Structures from DC up to 70 GHz. [Invited Talk]. In: Proceedings of the 2020 German Microwave Conference (GeMiC).
- (2020): First steps towards an automated polishing process chain using one robot. In: Proceedings of SPIE 11478 (Seventh European Seminar on Precision Optics Manufacturing [8 July 2020; Teisnach]), Bellingham, WA, USA. DOI: 10.1117/12.2564840.
- (2020): Force and pressure analysis during overarm polishing. In: Proceedings of SPIE 11478 (Seventh European Seminar on Precision Optics Manufacturing [8 July 2020; Teisnach]), Bellingham, WA, USA. DOI: 10.1117/12.2564903.

- (2020): Mid spatial frequency error prevention strategies for the grinding process. In: Proceedings of SPIE 11478 (Seventh European Seminar on Precision Optics Manufacturing [8 July 2020; Teisnach]), Bellingham, WA, USA. DOI: 10.1117/12.2565261.
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- (2019): Ultraschall-Handbohrmaschine und Verfahren zum Betreiben einer Ultraschall-Handbohrmaschine.
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- (2019): Four-Tilted-Mirror Telescope: Alignment and Stability Aspects. In: Forschungsbericht 2018/2019 der Technischen Hochschule Deggendorf, Deggendorf.
- (2019): Projekt NePUMuk (Neue digitale Produktions- und Mikrostrukturierungstechnologien für Anwendungen bis 80 GHz). Abschlussbericht.



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- : Steigerung der Effizienz chemisch-mechanischer Polierprozesse durch Anpassung der Poliersuspension. In: 1. Ko-op Symposium, Garching.
- : Charakterisierung chemisch-mechanischer Polierprozesse für optische Gläser. In: 10. Wetzlarer Herbsttagung "Moderne Optikfertigung", Wetzlar.
- : Hybrid Process Chain for Polishing of Optics Made from Glass. In: LaP 2020 - 4th Conference on Laser Polishing, Aachen (video conference).

