

Publikationen

- (2015): Entwicklung und Einsatz des Optimierten Reichweitenmodells im Verbundprojekt E-WALD. In: Zeitschrift für die gesamte Wertschöpfungskette Automobilwirtschaft (ZfAW), pp. 53-59.
- (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.
- (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.
- (2011): Verändert die E-Mobilität unsere Mobilität und gleichzeitig auch unser Denken?. In: HTI FORUM „Energieröme verbinden – aber wie?“, Bamberg.
- (2011): E-WALD Modellregion Elektromobilität Bayerischer Wald. In: 15. Projekttreffen „EvB“, Fürth.
- (2011): Elektromobilität im ländlichen Raum: Chance für Regionalentwicklung, Tourismus und Alltagsmobilität.
- (2011): E-WALD Modellregion Elektromobilität Bayerischer Wald. In: soleg Partnertreffen Photovoltaik, Teisnach.
- (2011): E-WALD Modellregion Elektromobilität Bayerischer Wald.
- (2011): E-WALD Modellregion Elektromobilität Bayerischer Wald.
- (2011): Elektromobilität im ländlichen Raum: Chance für Regionalentwicklung, Tourismus und Alltagsmobilität. In: Kommunaler Tag Elektromobilität, Berlin.
- (2011): Elektromobilität im ländlichen Raum - Chancen für Regionalentwicklung, Tourismus und Alltagsmobilität. In: 19. C.A.R.M.E.N.-Symposium "Unendlich statt unwägar- Erneuerbare Energien für die Zukunft", Straubing.
- (2011): Technologiezentren Niederbayerns und die Technologieregion Bayerischer Wald. In: Jahrestreffen der Botschafter Niederbayerns, St. Englmar.
- (2011): E-Wald: Elektromobilität im Bayerischen Wald. In: Aktiventreffen VCD Bayern, Passau.
- (2011): Elektromobilität-Projekt E-WALD. In: Sitzung Umwelt- und Energieausschuss des Landkreises Straubing-Bogen, Straubing.
- (2011): Projekt "E-Wald" - Aktueller Stand. In: soleg Partnertreffen Photovoltaik, Teisnach.
- (2010): E-Wald - Modellregion Elektromobilität Bayerischer Wald. In: Lokale Agenda 21 - Landkreis Regen, Patersdorf.
- (2010): Einsatz der Elektrokinetischen Desintegration in Klärwerken und Biogasanlagen. In: IFAT Entsorga, München.
- (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.
- (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.
- (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.

- (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.
- (2010): ELID supported grinding of thin sapphire wafers. In: Proceedings of SPIE: 5th International Symposium on Advanced Optical Manufacturing and Testing Technologies: Advanced Optical Manufacturing Technologies, Volume 7655.
- (2010): Effects of mechanical inaccuracies on the measurement result in metrology systems. In: SPIE Conference, Dalian, China.
- (2010): Struktur der Technologicampi der Hochschule Deggendorf im Bayerischen Wald. In: Runder Tisch Wirtschaft, Regen.
- (2010): Vor- und Nachteile der Ultraschalltechnologie beim Schleifen von optischen Flächen. In: Achtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt.
- (2010): Vor- und Nachteile der Ultraschalltechnologie beim Schleifen von optischen Flächen. In: Achtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2010): Forschung für die Industrie im Technologicampus Teisnach, Hochschule für Angewandte Wissenschaften - FH Deggendorf. In: Achtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2010): Vision Technologieregion Bayerischer Wald - Regionalisierung der Hochschule Deggendorf. In: Glasforum Bayerischer Wald, Zwiesel.
- (2010): Regionalisierung der Hochschule Deggendorf - Technologieregion Bayerischer Wald.
- (2009): Strategies for grinding optical free-forms using ball-shaped grinding wheels. In: SPIE Optifab, Rochester, NY, USA.
- (2009): Optoelectronic Distance Measurement (invited review lecture). In: 1st International Workshop on Novel Developments and Applications in Sensor Technology, Coburg.
- (2009): Regional Technology Transfer Centers of the University of Applied Sciences Deggendorf: Efficient promotion of structural and economic development. In: BAYHOST - Donauforum, Regensburg.
- (2008): Ultraschallunterstütztes Schleifen von Linsen. In: Siebtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2008): Precision finishing of aspherical optical components using ELID grinding. In: Siebtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2008): Near-Infrared Laser Range Finder, using kHz Repetition Rate. In: SPIE Proceedings Vol. 7115. DOI: 10.1117/12.800132.
- (2008): Ultraschallunterstütztes Schleifen von Linsen. In: Siebtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt.
- (2008): Precision finishing of aspherical optical components using ELID grinding. In: Siebtes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt.
- (2008): Advanced techniques for computer-controlled polishing. In: Current Developments in Lens Design and Optical Engineering IX, vol. 7060, no. 70600Q ff.. DOI: 10.1117/12.808036.
- (2008): Forces acting between polishing tool and workpiece surface in magnetorheological finishing. In: Proceedings of SPIE, Volume 7060, Current Developments in Lens Design and Optical Engineering IX (Optical Engineering + Applications, San Diego, CA, USA; August 10-14, 2008). DOI: 10.1117/12.794196.
- (2008): Material removal study at silicon nitride molds for the precision glass molding using MRF process. In: Current Developments in Lens Design and Optical Engineering IX, vol. 7060, no. August. DOI: 10.1117/12.794583.



- (2008): Blick in die Zukunft - Eine Agenda zur Optikfertigung 2015?. In: BayTech Optik Seminar, Deggendorf.
- (2008): Material influence of silicon nitride at Magnetorheological Finishing (MRF). In: Proceedings of the 12th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2008, Istanbul, Türkei, 26.-30.08.2008.
- (2008): Examination of surface and subsurface damages on silicon wafers using dimple polishing. In: Proceedings of the 13th International Conference on Problems of Material Engineering, Mechanics and Design, Rajeka, Slowakei, 26.-29.08.2008.
- (2008): Magnetorheological Finishing of silicon nitride moulds. In: Proceedings of the 10th Anniversary International Conference of the European Society of Precision Engineering and Nanotechnology, Zürich, Schweiz, Volume 2.
- (2008): Kontakte knüpfen, Bekanntheit steigern, Nutzen stiften: Beispielhafte Kooperationsmöglichkeiten zwischen Wissenschaft und Wirtschaft an der besten Fachhochschule Deutschlands!. In: Kongress für Personalmarketing - Mitarbeiter finden, führen und behalten, Bamberg.
- (2008): Utilisation of time-variant influence functions in the computer-controlled polishing. In: Precision Engineering, vol. 32, no. 1, pp. 47-54. DOI: 10.1016/j.precisioneng.2007.04.005.
- (2008): Simulation of a complex optical polishing process using a neural network. In: Robotics and Computer-Integrated Manufacturing, vol. 24, no. 1, pp. 32-37. DOI: 10.1016/j.rcim.2006.07.003.
- (2008): Mathematical modelling of influence functions in computer-controlled polishing. Part II. In: Applied Mathematical Modelling, vol. 32, no. 12, pp. 2907-2924.
- (2008): Mathematical modelling of influence functions in computer-controlled polishing. Part I. In: Applied Mathematical Modelling, vol. 32, no. 12, pp. 2888-2906.
- (2007): Internationale Hochtechnologiekoooperation.
- (2007): Synergien nutzen, Entwicklungen gemeinsam gestalten. In: Die neue Hochschule (DNH), vol. 48, no. 4-5, pp. 16-18.
- (2007): Calculation of MRF influence functions. In: Optical Manufacturing and Testing VII, SPIE, San Diego, CA, USA.
- (2007): Calculation of MRF influence functions. In: Optical Manufacturing and Testing VII, vol. 6671.
- (2007): Subsurface damages detecting on standard optical glass by dimple method. In: The 12th International Conference on Problems of Material Engineering, Mechanics and Design, Jasna, Slowakei.
- (2007): Lens production enhancement by adoption of artificial influence functions and a knowledge-based system in a magnetorheological finishing process. In: Optical Manufacturing and Testing VII, vol. 6671, no. September. DOI: 10.1117/12.761356.
- (2007): Design and development of a novel computer-controlled power device for electrical-assisted optical grinding. In: Optifab 2007: Technical Digest, volume TD04.
- (2007): High accuracy laser meter for system calibration. In: GGOS Working Group at the General Assembly of the European Geosciences Union, Wien, Österreich.
- (2007): Subsurface damages detecting on standard optical glass by dimple method. In: Proceedings of the 12th International Conference on Problems of Material Engineering, Mechanics and Design, Jasna, Slowakei.
- (2007): Correcting silicon carbide and silicon nitride moulds by Magnetorheological Finishing. In: Proceedings of the 7th euspenn International Conference, Bremen, Vol. 2.
- (2007): Filter algorithm for influence functions in the computer-controlled polishing of high-quality optical lenses. In: International Journal of Machine Tools and Manufacture, vol. 47, no. 1, pp. 107-111.



- (2006): Aktuelle Ergebnisse aus dem Labor Optical Engineering der FH Deggendorf zu den Arbeiten auf den Gebieten Ultraschallunterstütztes Schleifen und ELID-Schleifen. In: BayTech Optik Seminar, Deggendorf.
- (2006): Coherences between influence function size, polishing quality and process time in the magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, San Diego, CA, USA.
- (2006): Sedimentations on high-precision surfaces of advanced materials by magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, San Diego, CA, USA.
- (2006): Rauigkeitsentwicklung bei der Bearbeitung von Komponenten für die Präzisionsoptik mit Diamantwerkzeugen. In: Sechstes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, OTTI, Zwiesel.
- (2006): Deposits and damages on high precision surfaces of advanced materials. In: 5th Youth Symposium on Experimental Solid Mechanics, Puchov, Slowakei.
- (2006): Simulation of a complex optical polishing process using a neural network. In: Robotics and Computer-Integrated Manufacturing, vol. 24, no. 1, pp. 32-37. DOI: 10.1016/j.rcim.2006.07.003.
- (2006): Coherences between influence function size, polishing quality and process time in the magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, vol. 6288. DOI: 10.1117/12.678720.
- (2006): Sedimentations on high-precision surfaces of advanced materials by magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, vol. 6288.
- (2006): Rauigkeitsentwicklung bei der Bearbeitung von Komponenten für die Präzisionsoptik mit Diamantwerkzeugen. In: Sechstes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, OTTI, Zwiesel.
- (2006): Deposits and damages on high precision surfaces of advanced materials. In: Proceedings of the 5th Youth Symposium on Experimental Solid Mechanics, Puchov, Slowakei.
- (2006): Telescope design considerations and a unique approach to delay line construction for the proposed Antarctic interferometer at Dome C. In: Proceedings of the SPIE International Conference on Astronomical Telescopes and Instrumentation, Orlando, FL, USA.
- (2006): Correlation between influence- function quality and predictability of a computer-controlled polishing process. In: Optical Engineering, vol. 45, no. 6. DOI: 10.1117/1.2213630.
- (2005): Comparison of different magnetorheological polishing fluids.
- (2005): New viscosity measurement for magnetorheological polishing fluid. In: Optical Manufacturing and Testing VI, San Diego, CA, USA.
- (2005): Utilizing a TII aspherical measurement machine in a computer-controlled polishing process. In: Optical Measurement Systems for Industrial Inspection IV, München.
- (2005): A new approach to predict computer-controlled polishing results. In: Optical Manufacturing and Testing VI, San Diego, CA, USA.
- (2005): Analysis of thermal sources in a magnetorheological finishing (MRF) process. In: Optical Manufacturing and Testing VI, San Diego, CA, USA.
- (2005): Comparison of different magnetorheological polishing fluids. In: Optical Fabrication, Testing, and Metrology II, vol. 5965, pp. 659-670. DOI: 10.1117/12.656430.
- (2005): New viscosity measurement for magnetorheological polishing fluid. In: Optical Manufacturing and Testing VI, vol. 5869, pp. 133-141. DOI: 10.1117/12.616690.
- (2005): Analysis of thermal sources in a magnetorheological finishing (MRF) process. In: Optical Manufacturing and Testing VI, vol. 5869, pp. 111-120. DOI: 10.1117/12.616751.



- (2005): A new approach to predict computer-controlled polishing results. In: Optical Manufacturing and Testing VI, vol. 5869, pp. 94-102. DOI: 10.1117/12.616780.
- (2005): Utilizing a TII aspherical measurement machine in a computer-controlled polishing process. In: Optical Measurement Systems for Industrial Inspection IV, vol. 5856, pp. 987-993. DOI: 10.1117/12.612597.
- (2005): MRF in der Praxis – Optimierung der Wirtschaftlichkeit. In: BayTech Optik Seminar, Deggendorf.
- (2004): Temporal stability and performance of MR polishing fluid. In: Current Developments in Lens Design and Optical Engineering V, San Diego, CA, USA.
- (2004): Erzeugung hochpräziser Oberflächen auf optischen Bauelementen für die Präzisionsoptik mit magnetorheologischem Finishing (MRF). In: Fünftes Symposium - Zukunft Glas - Von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2004): Comparison of a new contact topographical measurement system for spherical and aspherical surfaces with interferometry. In: Current Developments in Lens Design and Optical Engineering V, Denver, CO, USA.
- (2004): Temporal stability and performance of MR polishing fluid. In: Current Developments in Lens Design and Optical Engineering V, vol. 5523, pp. 273-280. DOI: 10.1117/12.558897.
- (2004): Comparison of a new contact topographical measurement system for spherical and aspherical surfaces with interferometry. In: Current Developments in Lens Design and Optical Engineering V, vol. 5523, pp. 225-234. DOI: 10.1117/12.558899.
- (2004): Erzeugung hochpräziser Oberflächen auf optischen Bauelementen für die Präzisionsoptik mit magnetorheologischem Finishing (MRF). In: Fünftes Symposium - Zukunft Glas - von der Tradition zum High-Tech-Produkt, page 8998. OTTI.
- (2004): Two Color Satellite Laser Ranging: Evaluation of Atmospheric Refraction. In: Geodesia I Kartographia, no. 3.
- (2003): Prediction of MRF polishing by classification of the initial error with Zernike polynomials. In: Optical Manufacturing and Testing V, San Diego, CA, USA.
- (2003): Lens production enhancement by adoption of artificial influence functions and a knowledge-based system in a magnetorheological finishing process. In: Optical Manufacturing and Testing VII, San Diego, CA, USA.
- (2003): Prediction of MRF polishing by classification of the initial error with Zernike polynomials. In: Optical Manufacturing and Testing V, vol. 5180, pp. 115-122. DOI: 10.1117/12.507652.
- (2003): Verfahren und Vorrichtung zur optischen Entfernungsmessung.
- (2003): Satellite Laser Ranging Portable Calibration Standard Missions 1997-2002. In: Geophysical Research Abstracts, vol. 5.
- (2002): High accuracy short range laser meter for system calibration and installation. In: 13th International Workshop on Laser Ranging, Washington, DC, USA.
- (2002): Hochgenaues optisches Entfernungsmesssystem für industrielle Anwendungen. In: Bericht über angewandte Forschung und Entwicklung sowie wissenschaftlichen Technologietransfer der Fachhochschule Deggendorf, 2000-2002.
- (2002): IFHEM – Innovatives Fertigungskonzept für High Tech-Flächen durch Einsatz von MRF-Technologie. In: Bericht über angewandte Forschung und Entwicklung sowie wissenschaftlichen Technologietransfer der Fachhochschule Deggendorf, 2000-2002.
- (2002): High accuracy short range laser meter for system calibration and installation. In: Proceedings of the 13th International Workshop on Laser Ranging, Washington, DC, USA.



- (2001): Two Color Satellite Laser Ranging Technology: A Tool for the Evaluation of Atmospheric Refraction Models (Invited Paper). In: International Conference Mathematical and Physical Methods in Ecology and Environmental Monitoring, Moskau, Russland.
- (2001): Two Color Satellite Laser Ranging Technology: A Tool for the Evaluation of Atmospheric Refraction Models (Invited Paper). In: Proceedings of the International Conference Mathematical and Physical Methods in Ecology and Environmental Monitoring 2001, Moskau, Russland.
- (2000): Kompetenzzentrum Glas: Neue Glastechnologien und optische Kommunikationsanwendungen. In: Drittes Symposium Zukunft Glas-Von der Tradition zum High-Tech-Produkt, Zwiesel.
- (2000): Kompetenzzentrum Glas: Neue Glastechnologien und optische Kommunikationsanwendungen. In: Drittes Symposium: Zukunft Glas-Von der Tradition zum High-Tech-Produkt.
- (2000): Test Report of Clock Distributor in Changchun and Beijing. In: Proceedings of the 12th International Workshop on Laser Ranging, Matera, Italien, 16.-20.10.2000.
- (1999): Clock Distribution in SLR Stations. Proceedings of the 11th International Workshop on Laser Ranging, Volume 1 + 2. In: Mitteilungen des Bundesamtes für Kartographie und Geodäsie, Frankfurt/Main, vol. 10/11.
- (1997): Two Color Satellite Laser Ranging using a Cr:LiSAF/Ti:Sapphire Picosecond Laser System. In: Proceedings of the International Conference on Lasers '96.
- (1997): TIGO - Transportable Integrated Geodetic Observatory, a Fundamental Station for Geodynamic Research. In: Proceedings of the 12th Working Meeting on European VLBI for Geodesy and Astrometry, Hönefoss, Norway.
- (1997): TIGO - Transportable Integrated Geodetic Observatory, A Fundamental Station for Geodetic Research. In: Proceedings of XXIII Brazilian Congress of Cartography, Scientific Assembly of the International Association of Geodesy.
- (1997): TIGO - Transportable Integrated Geodetic Observatory - A Fundamental Reference and Calibration Station - Concept - Status - Plans. In: Progress Report 1997, International Association of Geodesy, Section II - Advanced Space Technology, CSTG Bulletin No. 13.
- (1996): TIGO-Project, Concept-Status-Plans. In: 10th International Workshop on Laser Ranging Instrumentation, Shanghai, China.
- (1996): TIGO-SLR Module: Status. In: 10th International Workshop on Laser Ranging Instrumentation, Shanghai, China.
- (1996): Two Color Satellite Laser Ranging using a Cr:LiSAF/Ti:Sapphire Picosecond Laser System. In: International Conference on Lasers '96, Portland, OR, USA.
- (1996): Die Fundamentalstation Wettzell. In: Beiträge zum J. J. Baeyer-Symposium, Berlin-Köpenick, vol. 25.
- (1996): TIGO - a Fundamental Geodetic Reference Station. In: Proceedings of the Technical Workshop for APT and APSG 1996.
- (1996): TIGO-SLR Module: Status. In: Proceedings of the 10th International Workshop on Laser Ranging Instrumentation.
- (1996): Cr:LiSAF/Ti:Sapphire based solid state Laser System for Two Color Satellite Laser Ranging. In: Proceedings of the 10th International Workshop on Laser Ranging Instrumentation.
- (1996): Status of the TIGO Project. In: Proceedings of the 11th Working Meeting on European VLBI for Geodesy and Astrometry, Research Report No. 177.
- (1996): TIGO-Project, Concept-Status-Plans. In: Proceedings of the 10th International Workshop on Laser Ranging Instrumentation.
- (1995): Space Geodesy Plans of IfAG in the CIS and around the Caspian Sea. In: Workshop on the Application of Space Techniques for Geo-Scientific Research in Russia, Irkutsk, Russland.



- (1995): Status of the TIGO Project. In: Proceedings of the 4th Asia Pacific Telescope Workshop.
- (1994): The Transportable Integrated Geodetic Observatory (TIGO). In: 9th International Workshop on Laser Ranging Instrumentation, Canberra, Australien.
- (1994): Tests and Developments at the MTLRS#1 Receiving System. In: 9th International Workshop on Laser Ranging Instrumentation, Canberra, Australien.
- (1994): Upgrade of the Receiving and Control System of MTLRS-1 and First Results of the Collocation in Wettzell. In: 6th General Assembly of Wegener, St. Petersburg, Russland.
- (1994): Excentricity Vector Correction for Karitsa. In: 6th General Assembly of Wegener, St. Petersburg, Russland.
- (1994): Excentricity Vector Correction for Karitsa. In: Proceedings of the 6th General Assembly of Wegener.
- (1994): Transmit/Receive Two-Colour Unit for TIGO. In: Proceedings of the 9th International Workshop on Laser Ranging Instrumentation.
- (1994): Upgrade of the Receiving and Control System of MTLRS-1 and First Results of the Collocation in Wettzell. In: Proceedings of the 6th General Assembly of Wegener.
- (1994): Tests and Developments at the MTLRS#1 Receiving System. In: Proceedings of the 9th International Workshop on Laser Ranging Instrumentation.
- (1994): TIGO-SLR Opto-Mechanical Configuration. In: Proceedings of the 9th International Workshop on Laser Ranging Instrumentation.
- (1994): Two Wavelengths Solid State Laser for Mobile Satellite Laser Ranging Station. In: Proceedings of the 9th International Workshop on Laser Ranging Instrumentation.
- (1994): The Transportable Integrated Geodetic Observatory (TIGO). In: Proceedings of the 9th International Workshop on Laser Ranging Instrumentation.
- (1993): Die Fundamentalstation Wettzell und ihr Beitrag zu geodätisch-geodynamischen Forschungsvorhaben. In: zfv - Zeitschrift für Geodäsie, Geoinformation und Landmanagement, no. 8/9.
- (1993): The Role of the Fundamental Station, Illustrated by the Example Wettzell. In: Geodynamics Series, Washington, DC, USA, vol. Vol. 25.
- (1992): The new MTLRS Transmitting System. In: 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA.
- (1992): The new MTLRS#1 Receiving System. In: 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA.
- (1992): Experience and Results of the 1991 MTLRS#1 USSR Campaign. In: 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA.
- (1992): Results of the MTLRS#1 Upgrade. In: 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA.
- (1992): Die Fundamentalstation Wettzell in internationalen Meßprogrammen. In: avn - allgemeine vermessungsnachrichten, vol. 99, no. 11-12, pp. 438-449.
- (1992): Das Modulare Transportable Laserentfernungsmeßsystem MTLRS-1. In: avn - allgemeine vermessungsnachrichten, vol. 99, no. 11-12.
- (1992): Transputer Based Control System for MTLRS. In: Proceedings of the 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA; 18.-22.05.1992.



- (1992): Experience and Results of the 1991 MTLRS#1 USSR Campaign. In: Proceedings of the 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA; 18.-22.05.1992.
- (1992): Results of the MTLRS#1 Upgrade. In: Proceedings of the 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA; 18.-22.05.1992.
- (1992): The new MTLRS#1 Receiving System. In: Proceedings of the 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA; 18.-22.05.1992.
- (1992): The new MTLRS Transmitting System. In: Proceedings of the 8th International Workshop on Laser Ranging Instrumentation, Annapolis, MD, USA; 18.-22.05.1992.
- (1990): The Modular, Transportable Laser Ranging System MTLRS-1, Results and Technology. In: Intercosmos Laser Group Meeting, Riga, Lettland.
- (1990): The Modular, Transportable Laser Ranging System MTLRS-1, Results and Technology. In: Proceedings of the Intercosmos Laser Group Meeting.
- (1989): Status report of the Modular Transportable Laser Ranging System MTLRS-1. In: 7th International Workshop on Laser Ranging Instrumentation, Matera, Italien.
- (1989): Technical Aspects of the MTLRS-1 Upgrade. In: 7th International Workshop on Laser Ranging Instrumentation, Matera, Italien.
- (1989): Technical Aspects of the MTLRS-1 Upgrade. In: Proceedings of the 7th International Workshop on Laser Ranging Instrumentation.
- (1989): Status report of the Modular Transportable Laser Ranging System MTLRS-1. In: Proceedings of the 7th International Workshop on Laser Ranging Instrumentation.
- (1988): Experimental and theoretical investigation of tunable picosecond pulse generation in longitudinally pumped dye laser generators and amplifiers. In: Optical and Quantum Electronics, vol. 20, pp. 395-431. DOI: 10.1007/BF00632467.
- (1987): A versatile dye laser generator-amplifier system for intense, tunable picosecond pulse generation. In: Applied Physics B, vol. 42, pp. 185-192.
- (1986): S0-Sn Two-Photon Absorption Dynamics of Rhodamine Dyes. In: Ultrafast Phenomena V, Berlin; New York, vol. Vol. 46.
- (1986): S0-S1 two-photon absorption dynamics of rhodamine dyes. In: Optical and Quantum Electronics, vol. 18, pp. 381-401.
- (1986): Pulse-shape determination of intracavity compressed picosecond pulses by two - photon fluorescence analysis. In: Optical and Quantum Electronics, vol. 18.
- (1985): Pulse compression in a passively mode-locked ruby laser. In: Optics Communications, vol. 54, no. 3.
- (1984): Measurement of absorption cross sections in the long wavelength region of the S0-S1 absorption band of dyes. In: Chemical Physics, vol. 88, pp. 309-313.

