

L. Gaul

Vorsitz und / oder Organisation von Tagungen

Sektionsvorsitz: GAMM-Tagung Hamburg 1983

Sektionsvorsitz: Tagung Dynamische Systeme, Söllerhütte Kleinwalsertal, 1984

Sektionsvorsitz: Dynamische Systeme-Modellierung und Wirklichkeit, Universität Hannover, 1984

Sektionsvorsitz: GAMM-Tagung, Dubrovnik, Jugoslawien, 1985

Session Chairman and Conference Ambassador: 10th ASME Conference on Mechanical Vibration and Noise, Cincinnati, Ohio, USA, 1985

Sektionsvorsitz: Schwingungsüberwachung von Maschinen, VDI-Tagung Universität der Bundeswehr Hamburg, 1985

Session Chairman: 1st DINAME-Symposium on Dynamical Systems in Mechanics, Nova Friburgo, Brazil, 1986

Mitglied im Programmausschuß der Tagung Dämpfung von Schwingungen im Maschinenbau und Bauwesen, 1986

Sektionsvorsitz: GAMM-Tagung Dortmund 1986

Vorsitz: Mechanik-Kolloquium Niedersachsen-Berlin-Hamburg an der Techn. Univ. Hamburg-Harburg 1987

Vorsitz der Sektion Fundament- und Bauwerksdämpfung. VDI-Tagung Dämpfung von Schwingungen bei Maschinen und Bauwerken, Nürnberg 1987

Session Developer: International Modal Analysis Conference-VI in Orlando, Florida, 1988

Vorsitz: Session Linking Analysis and Test

Vorsitz: Sektion Dynamics and Earthquake Engineering Problems, Blasting. 6th International Conference on Numerical Modal in Geomechanics, ICONMIG Innsbruck, Österreich 1988

Sektionsvorsitz: Tagung Aktive Schwingungsdämpfung im Mathematischen Forschungsinstitut Oberwolfach 1988,

Session Developer: International Modal Analysis Conference - VII in Las Vegas, Nevada, 1989

Vorsitz: Session Experimental Techniques

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Sektionsvorsitz: Modalanalyse und Strukturodynamik, GAMM-Tagung Karlsruhe 1989

Organisation: Tagung Geräuschminderung auf Schiffen. Institut für Mechanik der Universität der Bundeswehr Hamburg, 01.06.1989

Session Developer: International Modal Analysis Conference - VIII in Kissimmee, Florida, 1990

Vorsitz: Session Experimental Case Histories

3. Kolloquium 'Elastische Systeme' im DFG-Schwerpunkt 'Dynamic von Mehrkörpersystemen', Institut für Mechanik, Universität der Bundeswehr Hamburg

Vorsitz: Session Boundary Element Methods. Int. Conference on Recent Development in Air & Structure Borne Sound and Vibration, Auburn University 1990

Vorsitz: Sitzung Dämpfung und Reibung. GAMM-Tagung Universität Hannover 1990

Session Chairman and Conference Ambassador: 13th ASME Conference on Mechanical Vibration and Noise, Miami, Florida, USA, 1991

Conference Ambassador und Chairman: 13th ASME Conference on Mechanical Vibration and Noise, Miami, Florida, 22. - 25.09.1991

Session Developer: International Modal Analysis Conference -X in San Diego, California, 1992

Vorsitz Session Experimental Methods

Sektionsvorsitz: Kontaktprobleme/Reibung, GAMM-Tagung Leipzig 1992

Organisation des Minisymposiums: Randelemente in der Dynamik, GAMM-Tagung Leipzig 1992 (mit Prof. Antes)

Organisation: Joint Florida Atlantic University Federal Armed Forces University/Hamburg Conference on Recent Developments in Solid Mechanics, Boca Raton, Florida, 9. - 11.09.1992 (mit Prof. Isaac Elishakoff)

Session Chairman: Numerical Methods 04.09.1992, Optimization and Control in Solids 05.09.1992. 1st National Conference on Computational Mechanics, Athens, Greece

Session Chairman: Structural Dynamics Modification 02.02.1993. II. International Modal Analysis Conference - XI Kissimmee, Florida, 1993

Organisation: Tagung Geräuschminderung auf Schiffen am Institut für Mechanik der Universität der Bundeswehr Hamburg, 02. - 03.03.1993

Session Chairman: Opening Session, Int. Symp. on Advanced Multibody System Dynamics, Stuttgart, 22.03.1993

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Mitglied Local Organizing Committee: 1st European Nonlinear Oscillations Conference, 16. - 20.08.1993 Hamburg

Session Chairman: Mechanics of Structures Optimization. 6th Polish-German Symposium 'Mechanics of Inelastic Solids and Structures', Czerniejewo, Poland, 13.09.1993

Session Chairman: Vibrations, Waves and Impact. 2nd European Solid Mechanics Conference, Genua, Italy, 13.09.1994

Session Chairman: Randelementberechnungen von Strömungen und Temperaturfeldern. 6. Kolloquium des DFG-Schwerpunkts Randelementmethoden, Schmallingenberg, 29.09.1994

Session Chairman: Modal Test Methods. 13th International Modal Analysis Conference, Nashville, Tennessee, 14.02.1995

Member Local Organizing Committee: Symposium on Optimization of Mechanical Systems, Stuttgart, 26. - 31.03.95

Session Chairman: Mixed Finite Element and Boundary Integral Equations for Nonlinear Elasticity Problems. IABEM Symposium on Boundary Integral Methods for Nonlinear Problems, Certosa di Pontignano, Siena, Italy, 31.05.1995

Session Chairman: Structural Optimization, 19th Int. Congress of Theoretical and Applied Mechanics, Kyoto, Japan, 27.08.96

Chairman Session 4: Elastic and Viscoelastic Materials and Systems: Plate Problems, Contact Problems, Constitutive Equations, Multiphase Models, Elasticity Theory (25 Lectures). GAMM Annual Meeting, Regensburg, 24. - 27.03.1997 (mit E. Stein)

Session Chairman: IUTAM Symposium on Computational Methods for Unbounded Domains, University of Colorado at Boulder, 30.07.1997

Session Chair: Sensing Technology Development. International Workshop on Structural Health Monitoring. Stanford University, Stanford, 19.09.1997

Session Chairman: Modal Test Methods. 16th International Modal Analysis Conference, Santa Barbara, California, 05.02.1998

Session Chair: Dynamik I. GAMM-Jahrestagung Universität Bremen, 06.04.1998

Session Chair: Parametric & stochastic oscillations. GAMM-Jahrestagung Universität Bremen, 09.04.1998

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Bilateral German-Russia Symposium „Airfoil Design for Wings with Boundary-Layer Control“. Institut für Mechanik, Universität Stuttgart, 15. - 17. April 1998 (mit R. Eppler, S. Wagner)

Session Chairman: Solid Mechanics. Sixth Pan-American Congress of Applied Mechanics (PACAM), Rio de Janeiro, 07.01.1999

Session Chairman: Analytical Methods. 17th Int. Modal Analysis Conference, Kissimmee, Florida, 11.02.1999

Session Organizer Education in Acoustics: European Demonstrations in Acoustics Education. Joint ASA/EAA Forum Acusticum/DAGA – Berlin 1999, 07.03.1999

Course Organizer: Engineering and Designing Smart Structures. München Marriot Hotel, 08. – 10.03.1999, Center of Intelligent Material Systems and Structures (CIMMS), Virginia Tech, and Institute A of Mechanics, Universität Stuttgart.

Session Chairman: Vibrations and Dynamics. BETECH & CMT 99 (Boundary Element Technology & Computational Methods and Testing), University of Nevada, Las Vegas, USA, 10.06.99

Conference Chairman: Fourth International Conference on Computational Methods in Contact Mechanics. Stuttgart, 03. – 05.08.1999

Session Chairman: „Engineering Applications“, Fourth International Conference on Computational Methods in Contact Mechanics. Stuttgart, 03.08.1999

Session Chairman: „Numerical Aspects“, Fourth International Conference on Computational Methods in Contact Mechanics. Stuttgart, 05.08.1999

Session Chairman: „Boundary Element Methods II“, European Conference on Computational Mechanics Munich, 31.08.99

Session Chairman: „Analytical Methods“. International Modal Analysis Conference IMAC XVIII, San Antonio, Texas, 08.02.2000

Sektionsvorsitz: A4 „Updating“. VDI Schwingungstagung 2000, Kassel, 15. Juni 2000

Session Chairman: Numerical Methods I. Seventh International Congress on Sound and Vibration, Garmisch-Partenkirchen, 04. Juli 2000

Session Chairman: Modelling, Constitutive Equations and Contact Laws. Second International Symposium on Impact and Friction of Solids, Structures and Intelligent Machines. Montreal, Quebec, Canada, 09.08.2000

Session Chairman: Boundary Element Methods. 21st Iberian Latin American Congress on Computational Methods in Engineering, Rio de Janeiro, 07.12.2000

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Session Chairman: Parameter Identification. International Modal Analysis Conference IMAC – XIX & Exposition on Structural Dynamics, Kissimmee, Florida, 07.02.2001

Session Chairman: Dual Reciprocity Methods. International Conference on Boundary Element Technology BETECH XIV, University of Central Florida, Orlando, USA, 13.03.2001

Session Chairman: Diskretisierungsmethoden in der Akustik. DAGA 2001 Vorkolloquium Technische Universität Hamburg-Harburg, 26.03.2001

Session Chairman: Wave propagation problems. BEM 23, 23rd International Conference on Boundary Element Methods, Lemnos, Greece, 08.05.2001

Session Chairman: Working Group 3 „Identification of Non-linear Systems“ of COST F3 action „European CO-operation in the field of Scientific and Technical research“, Non-linear structures, ECL benchmark, University of Kassel, 05.09.01

Chairman & Organizer Session D2 R3 U1 Rotordynamics I
 Session D2 R3 U2 Rotordynamics II
 Session D2 R3 U3 Rotordynamics III

(jointly with Professors Hagedorn, Pierre, Wauer)

9th International Symposium on Transport Phenomena and Dynamics of Rotating Machinery ISROMAC-9, Honolulu, Hawaii, USA, February 10 – 14, 2002

Session Chairman: Transport and Fluid Problems

Session Chairman: Wave Propagation Problems

24th International Conference Boundary Element Methods (BEM 24), Sintra, Portugal, 18.06.2002

Session Chairman: Session on Finite and Boundary Element Methods in Honor of Prof. Bruno Boley. 14th U.S. National Congress of Theoretical and Applied Mechanics, Virginia Tech, Blacksburg, 27.06.2002

Session Chairman: Opening Session International Workshop on Modelling and Simulation of Fluid/Structure/Acoustic Interaction, Stuttgart University, 09.09.2002

Session Chairman: Session A Modelling, ICAST '02 (13th International Conference on Adaptive Structures and Technologies), Potsdam, October 7th, 2002

Session Chairman: Themenbereich: Selbsterregte Schwingungen und Reibungsdämpfer. VDI-Tagung: Reibung und Schwingungen in Fahrzeugen, Maschinen und Anlagen, Hannover, 27.11.2002

Session Chairman: Session Damping. International Modal Analysis Conference IMAC-XXI, Kissimmee, Florida, 04.02.2003

Session Chairman: Advanced boundary element techniques, 15th International Conference on Boundary Element Technology BETECH 2003, Dearborn Detroit, 20.05.2003

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Session Organizer and Chairman: Acoustic Fluid-Structure Interaction. Tenth International Congress on Sound and Vibration, Stockholm, Schweden, 09. Juli 2003

Session Chairman: Boundary Element Methods II. 6th International Conference on Theoretical and Computational Acoustics (ICTCA 2003), Honolulu, Hawaii, 14.08.2003

Session Chairman: Session Vibration Control, AMAS/ECOMAS/STC Workshop on Smart Materials and Structures SMART'03, Jadwisin, Poland, 03.09.03

Organisation des Südwestdeutschen Mechanikkolloquiums im Wintersemester 2004/2005 an der Universität Stuttgart

Session Organizer:

- Modeling of Structural Joints I
- Modeling of Structural Joints II

Panel Discussion on Modeling of Structural Joints
IMAC-XXIII, Orlando, Florida, February 01, 2005

Session Chairman: Session on Nonlinear and Dynamic Problems. 6th International Conference "Boundary Element Techniques", Montreal, 28.07.2005

Session Chairman: Acoustics. IABEM 2006 Conference Graz, University of Technology, Austria, July 11, 2006

Session Chairman: International Conference on Multifield Problems, Minisymposium on Noise Propagation (with C.-D. Munz), October 5th, 2006

Chairman Plenary Lecture: International Conference on Multifield Problems, Multiscale Models for Moist Atmospheric Flows, October 6th, 2006

Mitglied des Programmausschusses: VDI-Schwingungstagung 2007 (Schwingungsüberwachung und Diagnose von Maschinen) Würzburg, 27./28. Februar 2007

Moderation der Session „Mess- und Analysemethoden“ VDI-Schwingungstagung 2007 (Schwingungsüberwachung und Diagnose von Maschinen) Würzburg, 27. Februar 2007

Organisation und Leitung: Vorkolloquium „Numerische Akustik“, DAGA 2007, Stuttgart, 19. März 2007

Session Chairman: Offshore structure and ship dynamics. Fourth International conference on Fluid Structure Interaction 2007, The New Forest, UK, 14.05.2007

Chairman: Fracture and Damage Mechanics II. 6th German-Greek-Polish Symposium 'Recent Advances in Mechanics', Alexandroupolis, Greece, September 21, 2007

Vorsitz: Sektion „Fügestellendämpfung“. VDI-Tagung Schwingungsdämpfung, Wiesloch b. Heidelberg, 16.10.2007

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Vorsitz: Sektion ‚Aktive Dämpfung‘. VDI-Tagung Schwingungsdämpfung, Wiesloch bei Heidelberg, 16.10.2007

Mitglied Programmausschuss: VDI-Tagung Schwingungsdämpfung, Wiesloch bei Heidelberg, 16./17.10.2007

Organizer/Chair Session 25 Damping of Materials and Members I (Tutorial), IMAC XXVI: Conference & Exposition on Structural Dynamics – Technologies for Civil Structures, Orlando, Florida, February 6, 2008

Organizer/Chair Session 31 Damping of Materials and Members II, IMAC XXVI: Conference & Exposition on Structural Dynamics – Technologies for Civil Structures, Orlando, Florida, February 6, 2008

Vorsitz: Session ‘Active Vibration Control’, The 9th International Conference on Motion and Vibration Control MOVIC2008, TU München, 17.09.2008

Vorsitz: Beakout Session ‘What can the community do today – analytical, computational, experimental’. 2nd Workshop on Joints Modelling. Session III, Theme B: 28.04.2009, Dartington Hall, Devon, UK

Vorsitz: Session 2 Computational Methods. Fifth International Conference on Fluid Structure Interaction 2009 Crete, Greece, May 25th, 2009

Vorsitz: Session 9: Fluid Pipeline Interactions. Fifth International Conference on Fluid Structure Interaction 2009 Crete, Greece, May 27th, 2009

Chairman: Session 5A – Damping II, International Conference on Structural Engineering Dynamics ICEDyn 2009, Ericiera, Portugal, June 23, 2009

Session Chairman: SEM Damping Focus Group: Damping of Materials and Members. IMAC-XXVIII, Jacksonville, Florida, February 1, 2010

Session Chairman: Workshop CMS&MOR (Component Mode Synthesis & Model Order Reduction) TU Delft NL, 23./24.06.2010. Workshop Organizer: Prof. Daniel Rixen and Prof. Lothar Gaul

Chairman 2nd Morning Session on Conservation Laws, Bridge Fragility, Plastic Design and Time-Integration. 7th German-Greek-Polish Symposium on Recent Advances in Mechanics, Poznań, Poland, September 20, 2010.

Chairman Session 56 (Damping). IMAC-XXIX, Conference & Exposition on Structural Dynamics, Jacksonville, Florida, USA, February 3, 2011

Chairman Session 10D (Connections). NAFEMS World Congress NWC 2011, Boston, May 26, 2011

L. Gaul/Vorsitz und/oder Organisation von Tagungen

Chairman Session “Fundamentals of SMS” (Smart Materials and Structures) 5th ECCOMAS Thematic Conference on Smart Structures and Materials SMART '11, Saarbrücken, 06. Juli 2011

Chairman Session “Advanced Diagnostics for Damage Assessment”. 8th International Workshop on Structural Health Monitoring, Stanford University, September 15, 2011

Vorsitz Session “Modellierung und Messung von Dämpfung”. 2. VDI-Fachtagung “Schwingungsdämpfung”, Leonberg b. Stuttgart, 16.11.2011

Chairperson L.Gaul: Interdisciplinary methods including CFD. European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS 2012). J. Eberhardsteiner et. Al. (eds.)
Vienna, Austria, September 13, 2012

Chairperson L. Gaul: Damping-I. ICEDyn 2013 International Conference on structural Engineering Dynamics, Sesimbra, Portugal, June 18, 2013

Chairperson L.Gaul, IDETC/CIE 2013 Portland Oregon, VIB-5-3 Model Reduction Techniques, August 6, 2013

Panel Discussion of the joints Challenge Topic:

- Derivation of Constitutive Equations Based on Physical Parameters. Panel DETC 2013-13737 Panelist L. Gaul IDETC/CIE 2013 Portland Oregon, VIB-5-9 joint Challenges 5, August 7, 2013
- Implementation of Joint Models in Commercial Codes Panelist L. Gaul IDETC/CIE 2013-13738 Portland Oregon, VIB-5-9 joint Challenges 5, August 7, 2013

Session Chair L.Gaul: Session 67 Damping and Adaptive Structures. IMAC XXXII Orlando, Florida, USA, Session 38, 6.02.2014

Vorsitz Werkstoffdämpfung Prof. L.Gaul, 3.VDI-Fachtagung Schwingungsdämpfung 2015. Leonberg, 23.September 2015

Vorsitz Experimentelle Bestimmung von Dämpfung in hydraulischen Komponenten, Prof. L.Gaul, 3.VDI-Fachtagung Schwingungsdämpfung 2015. Leonberg, 23. September 2015

Vorsitz Modellierung von Werkstoff- und Fügestellendämpfung in der FEM unter Berücksichtigung von Unsicherheiten, Prof. L.Gaul FVV Herbsttagung 2015. Würzburg, 29. September 2015