

TABLE OF CONTENTS

AIA-DAGA 2013 International Conference on Acoustics

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Plenary lectures

Tuesday, 19 March 2013

Acoustics of Historical Opera Houses in Italy: Past, Present, and Future 1
Nicola Prodi

The Secret Life of Bubbles in a Sound Field 8
Werner Lauterborn

Wednesday, 20 March 2013

Speed of Sound in Fluids 16
Roberto Maria Gavioso

Thursday, 21 March 2013

Low-Frequency Sound - a Special Sound 30
Detlef Krahe

Trends in Binaural Technology 46
Janina Fels

Pre-colloquium

Monday, 18 March 2013

Computation, simulation and modelling in acoustics

Modelling of acoustical Green's functions above impedance planes by a superposition integral 52
Martin Ochmann

On the modelling of wheel/rail noise 56
Astrid Pieringer

Tuesday, 19 March 2013

Tuesday, 19 March 2013

Acoustic measurements and instrumentation (Poster)

Preliminary Acoustic Test on Densified Swine Solid Fraction <i>Christian Preti, Niccolo' Pampuro, Alessio Facello and Eugenio Cavallo</i>	60
Nonlinear Behavior of Piezoelectric Accelerometers <i>Jakob Putner, Philipp Bernhard Grams and Hugo Fastl</i>	63
Noise in headphones how to evaluate professional exposure <i>Danilo Terradura, Christiano Sentinelli and Federica Presciutti</i>	65
Acoustic travel-time tomography for simultaneous detection of 3D distributions of temperature and flow fields <i>Manuela Barth, Armin Raabe and Michael Wilsdorf</i>	68
Measurement of lateral early reflections with Intensity Probe <i>Massimo Coppi, Laura Peruzzi and Andrea Venditti</i>	72
Noise emission management in heavy duty industry by mean of live & smart noise monitoring systems <i>Germano Dealessandri, Andrea Cerniglia and Mauro Bellagente</i>	76
Monitoring the filling state of capsules using p-v microprobes <i>Giorgio Sacchi, Martina Buiat, Fosca Fimiani and Domenico Stanzial</i>	79
Direction measurement of airborne sound sources over a reflective ground using an array of virtual directional microphones <i>Meritzell Genescà Francitorra, Peter Svensson and Idar Ludvig Nilsen Granoien</i>	82

Tuesday, 19 March 2013

Acoustic urban planning (Poster)

HARMONICA project (HARMONised Noise Information for Citizens and Authorities) <i>Fanny Miellicki, Bruno Vincent and Piotr Gaudibert</i>	86
Urban quality evaluation by means of acoustic indicators and indexes: validation of an acoustic quality index <i>Anna Magrini, Francesco Borchì, Sergio Luzzi and Andrea Falchi</i>	90
HUSH project results: definition of a platform for an integrated and harmonized noise Action Plan and proposals for revision of Italian legislation and END Directive <i>Francesco Borchì, Monica Carfagni, Lapo Governi, Salvatore Curcuruto and Rosalba Silvaggio</i>	94
INAIL's Territorial Structures Acoustic Requalification following partial change of purpose for residential use <i>Augusto Papa and Pasquale Addonizio</i>	98

Tuesday, 19 March 2013

Advances in sound absorbing materials (Poster)

On Recommendable Acoustics for Amplified Music and a New ON/OFF Absorption Technology for Multipurpose Halls. <i>Niels-Werner Adelman-Larsen</i>	102
---	-----

Tuesday, 19 March 2013

Application of ultrasound in medicine (Poster)

- Ultrasound-mediated oxygen nanotherapy as a potential therapeutic tool for hypoxia-related damage of superficial tissues 106
Chiara Magnetto, Caterina Guiot, Mauro Prato and Adriano Troia

Tuesday, 19 March 2013

Auralisation of environmental noise

- Real Time Auralization of Non-Stationary Traffic Noise - Quantitative and Perceptual Validation in an Urban Street 110
Julien Maillard and Jan Jagla
- Auralization of tyre/road noise based on the SPERoN prediction tool. 114
Alice Hoffmann, Jens Forssen and Wolfgang Kropp
- Auralization of road traffic noise and its value for environmental noise assessment 118
André Fiebig, Roland Sottek and Elisabeth Kuczmarski
- Auralization of truck engine sound – preliminary results using a granular approach 122
Jens Forssen, Patrik Andersson, Penny Bergman, Krister Fredriksson and Peter Zimmermann
- Nuisance comparison in measured and simulated auralizations of noise insulation in building acoustics 125
Jaume Segura Garcia, Maximo Cobos Serrano, Martin Guski, Michael Vorländer and Santiago Felici Castell
- The influence of vision on the perception of auralized sounds 129
Francesco Aletta, Massimiliano Masullo, Vincenzo Paolo Senese and Francesco Ruotolo
- A Hybrid-Internet-Auralization Program for Environmental Sounds 133
Klaus Naßhan and Philip Leistner
- Auralization of Wind Turbines 136
Kurt Heutschi and Reto Pieren

Tuesday, 19 March 2013

Building acoustics: Glazing, windows, facades, roofs

- Sound Insulation of High Performance Thermal Insulating Window Constructions 140
Joachim Hessinger and Bernd Sass
- Analysis of the extensibility of Sound Reduction Index measurements of windows 142
Simone Secchi, Elisa Nannipieri and Elena Stoppioni
- Schalldämmung von Schiebeläden bei geschlossenen Fenstern 146
Rudolf Liegl and Andreas Hackl
- Sound Insulation of Glazing: Effectiveness of Predictive Formulas 148
Enrico Manzi
- Flow Noise Testing at Façade Elements 152
Wolfgang Herget and Peter Brandstät
- Acoustic performance of a ventilated roof with skylight in case of traditional intrados and insulated system 155
Andrea Landini
- Acoustic isolation of wooden roofs 158
Bernhard Oberrauch

Acoustics of Bolzano Chamber of Commerce <i>Christina Niederstaetter and Giovanni Dissegna</i>	161
---	-----

Tuesday, 19 March 2013

Demands on room acoustic criteria (Poster)

Preferred Values of Room Acoustics Criteria for Turkish Melodic Music <i>Zerhan Yuksel Can, Asli Ozcevik, Sevd a Erdogan, Korkutalp Bilgin and Ruhi Ayangil</i>	165
--	-----

Tuesday, 19 March 2013

Digital signal processing in audiology (Poster)

Comparison Calibration of a pressure-velocity (p-v) Tympanometric Probe Prototype <i>Martina Buiat, Davide Bonsi, Paolo Bruschi, Massimo Piotto, Giorgio Sacchi and Domenico Stanzial</i>	169
Ohr-Modell zur Analyse der Pegeldynamik <i>Oskar Bschorr</i>	172

Tuesday, 19 March 2013

Effects of noise (Poster)

Potential hearing loss from non occupational noise exposure in headphones and hearphones <i>Raffaele Maricone and Diego Annesi</i>	174
Noise and sleep in hospitals <i>Silvester Siegm ann and Gert Notbohm</i>	178
Estimation of potential annoyance on birds due to construction site noise <i>Alice Feletti and Patrizio Fausti</i>	181

Tuesday, 19 March 2013

Electroacoustics and sound reinforcement (Poster)

A Stochastic Approach for Robust Listening Room Compensation <i>Jan Ole Jungmann, Radoslaw Mazur and Alfred Mertins</i>	185
A Curtosis Based Criterion for Solving the Permutation Ambiguity in Convolutional Blind Source Separation <i>Radoslaw Mazur, Jan Ole Jungmann and Alfred Mertins</i>	187
Transient acoustic simulations of electrical drive-trains <i>David Franck, Thomas Herold and Kay Hameyer</i>	189

Tuesday, 19 March 2013

Electroacoustics and sound reinforcement 1

High-Frequency Loudspeakers using Air Motion Transformer Technology in High-Power Sound Reinforcement Systems <i>Dieter Leckschat, Arne Muscheites and Christian Epe</i>	192
Optimization of Speech Intelligibility for Fire Fighters' Full Face Masks <i>Achim Volmer, Marcus Romba, Christoph Schmidt and Mohamed Housse m Harbi</i>	194

Tuesday, 19 March 2013

In vivo acoustic measurements in musicians and music instruments (Poster)

- Musicians' Subjective Perception and Objective Acoustic Descriptors in the Stages 198
Valentina Silingardi, Dario D'Orazio, Simona De Cesaris and Massimo Garai
- Study of the acoustical properties of hearing protector devices for musicians 202
Esther Merz

Tuesday, 19 March 2013

Listening and understanding speech in rooms 1

- The acoustic correction of classrooms in historical buildings with numerical simulation 204
Gino Iannace, Patrizia Trematerra and Ahmed Qandil
- The Difference Between CCV and CVC Logatome Form Intelligibility Levels Observed in Two Acoustically Different Spaces 208
Andrea Andrijašević, Hrvoje Domitrović and Juraž Šimunić
- Temporal-spatial processing of a single speech reflection in normal-hearing and hearing-impaired listeners 212
Jan Rennies, Anna Warzybok, Thomas Brand and Birger Kollmeier
- Listening and Understanding Speech in a Cafeteria: Effects of Binaural Noise Reduction, Hearing Loss and Cognitive Function 216
Tobias Neher, Giso Grimm, Volker Hohmann and Birger Kollmeier
- Predicting Speech Intelligibility in Conditions with Nonlinearly Processed Noisy Speech 220
Søren Jørgensen and Torsten Dau
- Impact of Reverberation on the Speech Perception in patients with Cochlear Implants 224
Tobias Weißgerber, Hannah-Lina Grahlmann and Uwe Baumann
- Psychoacoustic abilities of CI users in relation to speech understanding and localization in a reverberant room 227
Stefan Kerber and Bernhard Seeber

Tuesday, 19 March 2013

Medical acoustics (Poster)

- Performance in speech perception and directional hearing for patients with active implantable bone conduction implants 231
Tobias Rader, Tobias Weißgerber, Timo Stöver and Uwe Baumann
- Sound Source Localization for Normal Hearing Subjects and Bilateral CI-Listeners 234
Christian Wirtz, Michele Nicoletti, Peter Schleich, Peter Nopp and Werner Hemmert

Tuesday, 19 March 2013

Micro loudspeaker: Characterization, simulation and measurement

- Dominant Nonlinearities in Microspeakers 237
Wolfgang Klippel
- Estimating Linear Parameters and Identifying Acoustical Loads of Micro-Loudspeakers 241
Gregor Höhne and Wolfgang Klippel

Flat loudspeaker enclosures	244
<i>Daniel Beer, Lutz Ehrig, Lorenz Betz, Marcel Schnemilich and Waldemar Maysenhölder</i>	

Tuesday, 19 March 2013

Modelling outdoor sound propagation

An Efficient Method to Calculate the Insertion Loss of a Rigid Barrier	248
<i>Weigang Wei, Timothy Van Renterghem and Dick Botteldooren</i>	
The influence of the urban flow field modelling approach on computing sound propagation over the urban roof level	252
<i>Maarten Hornikx, Karin Conen, Twan Van Hooff and Bert Blocken</i>	
Numerical and experimental validation of the Transmission Line Matrix model under meteorological conditions	256
<i>Gwenaël Guillaume, Pierre Aumond and Benoit Gauvreau</i>	
Modelling meteorological Influences on the Sound Propagation through Forest Areas	260
<i>Astrid Ziemann, Gabi Fischer and Valeri Goldberg</i>	
Measurements on the damping effect of forests	264
<i>Mattias Trimpop and Peter Mann</i>	
A German Prediction Model of the Sound Propagation in and around Tunnels	267
<i>Sebastian Kluth, Christian Schulze, Jörn Hübelt and Wolfram Bartolomaeus</i>	

Tuesday, 19 March 2013

Models of the hearing system and psychoacoustic quantities (Poster)

Robust fundamental frequency estimation in an auditory model	271
<i>Stephan D. Ewert, Carolin Iben and Volker Hohmann</i>	

Tuesday, 19 March 2013

Music acoustics (Poster)

Hybrid reverberation algorithm: a practical approach	275
<i>Andrea Primavera, Michele Gasparini, Stefania Cecchi, Laura Romoli and Francesco Piazza</i>	
Measuring the Accuracy of Microtonal Synthesizers: Pianoteq & Vogue	279
<i>Timour Klouche, Teresa Samulewicz and L. Jakob Bergner</i>	

Tuesday, 19 March 2013

Music acoustics 1

Modeling resonators of reed organ pipes	283
<i>Péter Rucz, Judit Angster, Fülöp Augusztinovicz, András Miklós and Tim Preukschat</i>	
Simulation of Reed Vibration in Lingual Organ Pipes	287
<i>Tim Preukschat, Judit Angster and András Miklós</i>	
Problems of Organ Building and Physical Backgrounds	291
<i>Andreas Gloos, Judit Angster and András Miklós</i>	
Research Organ for Pipe Organ Research at the Fraunhofer IBP in Stuttgart	295
<i>Judit Angster, Stephan Pitsch, Zlatko Dubovski, Philip Leistner and András Miklós</i>	

Scaling software for labial organ pipes <i>Stephan Pitsch, Péter Rucz, Judit Angster, András Miklós and Johannes Kirschmann</i>	299
Acoustical measurements on experimental violins in the Hanneforth collection <i>Robert Mores</i>	303
Analysis of saxophone attack transients by auto-regressive modelling <i>Johann-Markus Batke and Karsten Gloger</i>	307

Tuesday, 19 March 2013

Noise and vibration at the working place (Poster)

The Risk of Noise in the Bottling Alcoholic and Non-Alcoholic Drinks into Glass Bottles <i>Dennis Ramus, Alessandro Cervo and Markus Malfèr</i>	311
Vibration level generated by a rotary pick-up for the harvest of table olives <i>Christian Preti, Filippo Gambella, Roberto Deboli, Angela Calvo, Marco Inserillo, Riccardo Dau and Eleonora Casu</i>	315
Pneumatic Screwdrivers: Exposure to Hand-Transmitted Vibration when Changing Tyres at the Car Mechanic <i>Dennis Ramus, Alessandro Cervo and Markus Malfèr</i>	317
Exposure to noise and vibrations during the olive harvest in small farms <i>Valter Lori and Giorgia Nardini</i>	321

Tuesday, 19 March 2013

Noise and vibration at the working place 1

Application of measurement uncertainties for comparing measuring results with the action values of European Directive 2003/10/EC <i>Jürgen Maue</i>	324
Round Robin Test Occupational Noise Exposure <i>Wilhelm Wahler and Mark Telsnig</i>	327
Noise Exposure of Teachers in Elementary Schools <i>Eva Ruppert-Pils, Raimund Kleinhagauer and Andreas Kyrian</i>	330
Sound exposure within an orchestra: the contribution made by a musician's own instrument <i>Heinz Waldmann and Beat W. Hohmann</i>	333
Workplace hospital: noise as a strain for the medical staff <i>Gert Notbohm and Silvester Siegmann</i>	336
Survey of Noise Emission Declarations of Machines in the European Market <i>Georg Brockt</i>	339
Industrial Noise Reduction by Room Acoustic Measures <i>Daniel F. Förster</i>	342
Noise Reduction in Working Areas with Sound absorbing Baffle Systems <i>Fabian Probst</i>	346
Field report - evaluation of open plan offices according to ISO 3382-3 <i>Mark Telsnig and Wolfgang Posseth</i>	350

Tuesday, 19 March 2013

Numerical acoustics 1

The Acoustic Power Radiated from Aluminum Foam Sandwich Panels <i>Vincenzo D'Alessandro, Giuseppe Petrone, Francesco Franco and Sergio De Rosa</i>	354
Structural-acoustic design of Hydraulic Pump Housings using Topology Optimization <i>Ulrich Bittner and Peter Clausen</i>	358
Energy-Finite-Element-Method for Acoustic Simulation of Large-Scale Structures <i>Marius Karger, Olgierd Zaleski and Otto Von Estorff</i>	361
On boundary conditions of absorbers for the intensity potential approach <i>Patrik Andersson</i>	365
TD-BEM - An Open Source MATLAB Toolbox <i>Michael Stütz</i>	369
Objective Functions for Structural-Acoustic Optimization in Interior Acoustics <i>Gesche Diekmann, Steffen Marburg and Fabian Duddeck</i>	373
Efficient analysis of trimmed cavities with a hybrid (u,p) - Finite Element - Wave Based Method <i>Stijn Jonckheere, Dirk Vandepitte and Wim Desmet</i>	377
Two-dimensional Interaction of Pressure Pulses governed by a Modified Lighthill-Westervelt Equation <i>Enrique Nava and J. I. Ramos</i>	381

Tuesday, 19 March 2013

Numerical acoustics 1 (Poster)

Multidisciplinary Characterization and Optimization of Multi-Layered Sound Insulating Natural-Fiber-Reinforced-Plastic Components <i>Dina Al-Kharabsheh and Sabine Langer</i>	385
A SEA-like Model for the Sound Insulation of Absorbing Materials <i>Cristina Díaz-Cereceda, Jordi Poblet-Puig and Antonio Rodríguez-Ferran</i>	387

Tuesday, 19 March 2013

Rail/wheel noise 1

The STARDAMP method - Assessment of damping technologies for rail and wheel to reduce railway noise <i>Helmut Venghaus</i>	391
The STARDAMP Software: An Assessment Tool for Wheel and Rail Damper Efficiency <i>Benjamin Betgen, Pascal Bouvet, Giacomo Squicciarini and David Thompson</i>	395
Variation of rolling noise during train pass-bys <i>Michael Dittrich</i>	399
Noise Emission Calculation for Vehicles and Track Sections <i>Christian Czolbe and Micha Köpfli</i>	402
Study on Rail Roughness Embedding the Noise Indicator L(Lambda,CA) <i>Helmut Venghaus</i>	405
Measurements of the Effectiveness of Measures for Reducing Low Frequency Noise of Railway Bridges <i>Manfred Liepert and Alexander Martens</i>	409
Experimental Tests on Alternative Methods of Noise Reduction on the Brenner Railway line <i>Günther Wanker</i>	412

Noise abatement measures Railway route Valley Isarco <i>Christian Czolbe and Robert Sieglitz</i>	416
Acoutrain - Virtual Testing in the Framework of TSI Rail Vehicle Certification <i>Maria Starnberg, Estelle Bongini, David Thompson, Ulf Orrenius, Nathalie Cuny and Nicolas Furio</i>	418

Tuesday, 19 March 2013

Robust speech recognition (Poster)

Evaluation of Noise Robustness of ASR Features on a Subset of TIDigits Database <i>Branislav Gerazov and Zoran Ivanovski</i>	421
---	-----

Tuesday, 19 March 2013

Speech quality perception and assessment

Speech intelligibility in realistic listening situations for different numbers, azimuths and movement of speech or noise maskers <i>Martin Hansen, Felix Dollack, Geske Eberlei, Hannah-Lina Grahlmann, Wiebke Lamping and Stefan Raufer</i>	425
Comparison of Approaches for Summative and Diagnostic Prediction of Speech Quality <i>Sebastian Möller, Nicolas Côté, Timothée Mannoury and Marcel Wältermann</i>	428
Hearing-adequate Assessment of Background Noise Modulation in Conversations <i>Frank Kettler, Marc Lepage and Simon Stark</i>	432
Noise Intrusiveness Factors in Speech Telecommunications <i>Raphael Ullmann, Hervé Bourlard, Jens Berger and Anna Llagostera Casanovas</i>	436
Towards a new test paradigm for the subjective quality assessment of conversational speech <i>Friedemann Köster and Sebastian Möller</i>	440
Experience with and insights about the new ITU-T standard on quality assessment of conferencing systems <i>Janto Skowronek, Katrin Schoenenberg and Alexander Raake</i>	444
Some Results on the Objective Assessment of Speech Quality for Speech Enhancement Algorithms <i>Michael Buerger, Klaus Reindl, Sven Nordholm and Walter Kellermann</i>	448
Macro-temporal development of QoE: impact of varying performance on QoE over multiple interactions <i>Dennis Guse and Sebastian Möller</i>	452
Flow Behaviour of the Glottal Jet in 2D versus 3D-CFD modelling <i>Christoph Brücker, Michael Triep and Willy Mattheus</i>	456

Tuesday, 19 March 2013

Speech quality perception and assessment (Poster)

Neural Correlations of Affective States and Speech Perception: Towards Quality-of-Experience Measurement of Reverberant Speech <i>Jan-Niklas Antons, Khalil Ur Rehman Laghari, Robert Schleicher, Sebastian Arndt, Tiago H. Falk and Sebastian Möller</i>	459
Evaluation of objective full reference model scores under realistic application constraints <i>Michal Soloducha, Janto Skowronek and Alexander Raake</i>	463

Tuesday, 19 March 2013

Tyre/road noise (Poster)

- The Brenner Motorway - acoustic monitoring of the road surface 467
Andrea Osele
- CPX analysis of a Rubber Asphalt road in Meran 470
Marco Chetoni, Gaetano Licitra, Maurizio Bocci and Luca Teti

Tuesday, 19 March 2013

Ultrasounds

- Improved Signal Processing for an Ultrasonic Distance Sensor with Reduced Blind Zone 473
Andreas Schröder and Bernd Henning
- Influence of angular radiated ultrasound waves on the Schlieren tomogram 477
Sergei Olfert, Leander Claes and Bernd Henning
- Acoustic streaming: comparison of cavitating and non-cavitating water 481
Till Nowak and Robert Mettin
- Sound Films of Acoustic Cavitation 485
Julian Eisener, Julia Schneider, Carlos Cairos Barreto and Robert Mettin
- Size determination of spherical inclusions with ultrasound 489
Sebastian Kümritz, Mario Wolf and Elfgard Kühnicke
- Modeling of sound propagation for a temperature gradient to measure sound velocity and distance simultaneously with ultrasound 493
Mario Wolf, Elfgard Kühnicke, Michael Lenz and Martin Bock

Tuesday, 19 March 2013

Ultrasounds (Poster)

- Evaluation of Ultrasound Sources and of the Spatial Spread of Ultrasound 497
Peter Holstein, Joachim Feierabend, Nicki Bader, Andreas Tharandt, Jürgen Häberle, Julia Schulz and Thobias Fritsche

Tuesday, 19 March 2013

Uncertainties in the evaluation of environmental noise

- On the Uncertainty according to ISO/IEC Guide 98-3 of the Equivalent Continuous Sound Pressure Level in Presence of Background Noise 500
Alois Heiß
- Variations and uncertainties of measurements due to meteorological conditions - Existing guidelines and practical application 504
Christian Kirisits and Dieter Hohenwarter
- Some outcomes from the Italian round robin tests on road traffic noise measurement 508
David Casini
- Overview of Round Robin Tests in Austria 512
Christoph Lechner
- Assessing the Repeatability and Reproducibility of In Situ Measurements of Sound Reflection and Airborne Sound Insulation Index of Noise Barriers 515
Massimo Garai, Paolo Guidorzi and Eric Schoen

Uncertainty in declared sound power emission of household appliances: state-of-the-art and new approaches <i>Franco Bertellino</i>	519
Quality Assurance of Calculation Methods implemented in Software <i>Wolfgang Probst</i>	523

Tuesday, 19 March 2013

Vehicle acoustics

Simulation and Measurement of High Frequency Vibration Excitation during Vehicle Crash <i>Marco Pawlowski and Martin Meywerk</i>	527
Gearbox Whining Noise <i>A Carbonelli, Brice Nelain, Pascal Bouvet, J. Perret-Liaudet, E. Rigaud and J. Vialonga</i>	531
Development of a Vehicle Interior Diesel Knocking Metric <i>Dirk Hunken, Oliver Jung, Volker Grützmacher and Jan Rennies</i>	535
Measurements and model predicts of detection thresholds for a conventional and electric vehicle in traffic and pink noise. <i>Julian Grosse, Reinhard Weber and Steven Van De Par</i>	538
Sound Quality Improvement using Low Weight Reinforced Thermoplastics (LWRT) in Automotive Air Conditioning Systems <i>James William Browne, Frank Uhl, Jakob Putner, Hugo Fastl and Klaus Pfaffelhuber</i>	542
Periodic Impulsiveness - Perception and metric <i>Markus Bodden, Ralf Heinrichs, Martin Rüth and Jörg Müller</i>	544
Source localization in real and simulated ISO pass by for the determination of partial sound sources <i>Werner Moll and Clemens Nau</i>	547

Tuesday, 19 March 2013

Vehicle acoustics (Poster)

Noise emission analysis in sliding friction <i>Dzmitry Savitski, Christian Probst, Klaus Augsburg, Peter Holstein and Andreas Tharandt</i>	551
Sound field characteristics of low frequency modes in cavities with leakages using the example of the interior of a car <i>Katja Stampka and Michael Brandstätter</i>	555
Identification of Acoustic Resonant Modes of General Aviation Aircraft Cabin Interiors <i>Dubravko Miljković, Jurica Ivošević and Tino Bucak</i>	559
Akustisches Verhalten gewalzter Stirnradverzahnungen / Acoustic behaviour of rolled-made toothwork <i>Jan Bräunig, Mathias Höfgen and Moritz Linke</i>	563

Tuesday, 19 March 2013

Virtual acoustics (Poster)

Effects of the Direct-to-Reverberant-Ratio and Divergence Between Synthesized and Listening Room on Perception of Virtual Acoustic Environment <i>Stephan Werner and Anett Zabel</i>	566
A Software Tool for the Synthetic Auralization of Gearbox Failures <i>Karsten Moritz, Josef Schlittenlacher, Joachim Bös and Holger Hanselka</i>	569

Synthesis of Binaural Room Impulse Responses <i>Stephan Werner and Rebecca Sass</i>	572
openMat - Management of Acoustic Material (Meta-)Properties Using an Open Source Database Format <i>Dirk Schröder, Alexander Pohl, Stefan Drechsler, Peter Svensson, Michael Vorländer and Uwe M. Stephenson</i>	576
HRTF adaption under decreased immersive conditions <i>Florian Klein and Stephan Werner</i>	580
Comparison of Geometrical Acoustic Simulation Methods <i>André Siegel</i>	583
A multichannel loudspeaker array for WFS/HOA sound spatialization at IRCAM's concert hall <i>Markus Noisternig, Thibaut Carpentier and Olivier Warusfel</i>	587
Modelling of the 3D absorbers in ray-based algorithms <i>Julia Zrnkova, Vojtech Chmelik and Monika Rychtáriková</i>	589

Tuesday, 19 March 2013

Virtual acoustics 1

A Spherical Far Field HRIR/HRTF Compilation of the Neumann KU100 <i>Benjamin Bernschütz</i>	592
A high resolution head-related transfer function database including different orientations of head above the torso <i>Fabian Brinkmann, Alexander Lindau, Stefan Weinzierl, Gunnar Geissler and Steven Van De Par</i>	596
Effect of element size and microphone model on the numerically calculated head-related transfer functions <i>Harald Ziegelwanger, Wolfgang Kreuzer and Piotr Majdak</i>	600
Subjective importance of individual HRTF phase <i>Eugen Rasumow, Matthias Blau, Steven Van De Par, Martin Hansen, Simon Doclo, Dirk Püschel and Volker Mellert</i>	604
Application of localization models for vertical phantom sources <i>Florian Wendt, Matthias Frank and Franz Zotter</i>	608
Spherical Harmonics based HRTF datasets: Design, Implementation and Evaluation for real-time Auralization <i>Jan-Gerrit Richter, Martin Pollow, Frank Wefers and Janina Fels</i>	612
Simple technical prediction of phantom source widening <i>Matthias Frank and Franz Zotter</i>	616

Tuesday, 19 March 2013

Wind turbine noise

Aeroacoustic Simulation of Airfoils used in Onshore Wind Turbines <i>Dimitrios Bekiropoulos, Thorsten Lutz and Ewald Krämer</i>	620
Hybrid Aeroacoustic Method for Noise Prediction of Wind Turbines <i>Stefan Becker, Johannes Weber, Christoph Scheit, Jens Grabinger and Manfred Kaltenbacher</i>	624
Experimental evaluation of the propagation conditions for sounds of wind turbines at night in comparison with calculations according to DIN ISO 9613-2 <i>Justus Engelen</i>	628
Wind turbines - could they be too noisy? <i>Frank Kameier, Tobias Pohlmann and Michael Köhl</i>	630

Tuesday, 19 March 2013

Wind turbine noise (Poster)

Noise and meteorological monitoring of a wind farm

634

Massimiliano Masullo, Francesco Sorrentino and Giuseppe Ciaburro

Measurements of wind turbine noise in residential areas (Immissionsmessungen von Windkraftanlagen an Wohngebäuden)

638

Kai Pies, Paul Pies and Dan Pies

Wednesday, 20 March 2013

Wednesday, 20 March 2013

Acoustic measurements and instrumentation 1

- Measuring the angle-dependent sound absorption coefficient with a small microphone array 642
Erwin Kuipers, Ysbrand Wijnant and André De Boer
- Measurement of Angle-dependent reflection coefficients with a microphone array and spatial Fourier transform post-processing 646
Rob Opdam, Sander Hoen, Diemer De Vries and Michael Vorländer
- Diffuse-field reciprocity calibration of measurement microphones 650
Simon Weihe, Volker Wittstock and Matthias Blau

Wednesday, 20 March 2013

Acoustic urban planning

- Acoustics for Smart Cities 654
Sergio Luzzi, Rossella Natale and Raffaele Mariconte
- How traffic noise captured our cities and how to regain our cities 658
Henk Wolfert
- Interactive Noise Maps as Decision Tool 661
Sebastian Eggers
- The Integrated Action Plan for Road Traffic Noise in the City of Turin 664
Enrico Gallo, Jacopo Fogola and Daniele Grasso
- Noise Annoyance Before and After Enlarging Danish Highway 668
Lene Nøhr Michelsen, Jakob Fryd and Hans Bendtsen
- Acoustical assessment of the impact of low noise pavements on a section of the PARIS ring road 672
Fanny Mietlicki, Matthieu Sineau and Piotr Gaudibert
- Analysis of Dose-Effect Relations for Noise Annoyance and Sleep Disturbance in an Urban Area of Genoa 675
Aglaia Badino and Corrado Schenone
- An acoustic study of a representative part of the territory of the municipality of rome 679
Guido Carati, Enrico Carlini, Giovanni Fascinelli, Gianluca Ferri, Mariagrazia Rizzo, Valeria Romano Franchi De Notarvanni and Bruno Cignini
- Combining participatory sensing and prediction models to evaluate noise action plans 683
Maria Niessen, James Rex, Andreas Merentitis and Christian Debes

Wednesday, 20 March 2013

Application of ultrasound in medicine

- Ultrasound Breast Cancer Diagnosis and Therapy - a Design Study 687
Benedikt Kohout, Robin Dapp and Nicole Ruiter
- Thermochromic Silica Gel as Tissue Mimicking Materials for Investigation of Temperature Rise Induced by HIFU Transducer 691
Adriano Troia and Chiara Magnetto
- Experimental apparatus for the measurement of the ultrasound attenuation coefficient 695
Chiara Musacchio, Rugiada Cuccaro, Paolo Alberto Giuliano Albo, Simona Lago and Adriano Troia

Wednesday, 20 March 2013

Auditory and multimodal scene analysis

Acoustic Source Localization in Highly Reverberant Environments <i>Daniele Salvati</i>	699
Modeling Human Localization Performance of Sound Sources in Sagittal Planes <i>Robert Baumgartner, Piotr Majdak and Bernhard Laback</i>	703
Sound Predictability as a Higher-Order Cue in Auditory Scene Analysis <i>Alexandra Bendixen, Susan Denham and István Winkler</i>	705
EyesWeb XMI: a platform for recording and real-time analysis of multimodal data streams <i>Gualtiero Volpe, Paolo Coletta, Simone Ghisio and Antonio Camurri</i>	709
Nutzung von taktilen semantischen Informationen zur Synthese von plausiblen Ganzkörperschwingungen <i>Robert Rosenkranz and Ercan Altinsoy</i>	713
Influence of vibration on physiological and subjective reaction to vibro-acoustic stimuli <i>Christina Imbery, Thomas Biberger, Steven Van De Par and Reinhard Weber</i>	717
Design and Perceptual Investigations of Audio-Tactile Interactions. <i>Stefano Papetti</i>	720
Modeling of Speech Localization in a Multitalker Environment using Binaural and Harmonic Cues. <i>Angela Josupeit, Steven Van De Par, Norbert Kopčo and Volker Hohmann</i>	724
Der Einfluss von Vibrationen auf die Konzertwahrnehmung <i>Sebastian Merchel and Ercan Altinsoy</i>	728

Wednesday, 20 March 2013

Building acoustics (Poster)

ClimaHotel Certification Program and requirements of acoustic comfort for hospitality buildings - Case studies. <i>Martina Demattio, Cristian Bortot, Massimo Rovere and Lorenzo Soligo</i>	732
Acoustic Retraining Starting from Window Replacement. <i>Lorenzo Rizzi and Francesco Nastasi</i>	734
Acoustic planning experiment and final verification of acoustic requirements, in restored old country buildings near Pordenone <i>Dino Abate</i>	738
Experimental Results of Flanking Transmission in Hollow Brick and Concrete-Slab Floor <i>Giovanni Semprini and Luca Barbaresi</i>	742
Acoustic Performance of a Green Modular System <i>Elena Candelari, Paolo Tarizzo, Valentina Serra, Alessandro Schiavi and Francesco Russo</i>	746
Definition of a Privacy Index by testing internal doors and partitions <i>Gianpiero Majandi, Roberto Bianucci and Giovanni Bonansegna</i>	750
Measurement and Evaluation of the Acoustic Insulation of Building Envelope for Low Frequencies Noise Emitted by Wind Turbines Generator (WTG). <i>Carlo Bernardini, Costantino Carlo Mastino and Martino Marini</i>	752
Comparison between Sound Reduction Index of single and double massive walls realised in Italy and Great Britain <i>Renzo Cremonini, Patrizio Fausti, Elisa Nannipieri, Simone Secchi and Sean Smith</i>	756
Dry Systems for Impact Noise Insulation of Floors in Laboratory <i>Leonardo Luison, Cora Pavarin and Antonino Di Bella</i>	759

Classificazione acustica secondo la norma UNI 11367 di un edificio ricettivo progettato e realizzato secondo i criteri 'ClimaHotel'	762
<i>Sara Tomazzolli and Cosma Leonardi</i>	

Wednesday, 20 March 2013

Building acoustics: General 1

Interlaboratory test on walking noise	765
<i>Sylvia Stange-Kölling, Volker Wittstock and Werner Scholl</i>	
Methods for the Determination of Laboratory Airborne Sound Insulation at Low Frequencies	769
<i>Andrea Prato and Alessandro Schiavi</i>	

Wednesday, 20 March 2013

Building acoustics: Legislation, standards and protocols

Building Acoustics: Strengthened Requirements of the New VDI 4100 Standard and their Impacts on Final Customers and Industry	773
<i>Oliver Wolff</i>	
Update of German Standard DIN 4109 with Respect to Lightweight Frame Constructions	776
<i>Heinrich Bietz, Volker Wittstock, Werner Scholl, Georg Krämer, Sven Bohnsack and Lutz Weber</i>	
Acoustic Classification of Buildings in Italy. What Has Happened in the Last 3 Years?	780
<i>Matteo Borghi and Stefano Benedetti</i>	
Acoustic certification in buildings: fulfilling CasaClima Nature protocol and recent Italian classification of non-serial buildings.	783
<i>Martina Demattio and Lorenzo Rizzi</i>	

Wednesday, 20 March 2013

Building acoustics: Lightweight structures

Measured Sound Insulation of Double Leaf Plasterboard Walls Part 1: Measurements concerning the basic acoustical Behaviour	786
<i>Martin Schneider, Steffi Reinhold and Heinz-Martin Fischer</i>	
Measured Sound Insulation of Double Leaf Plasterboard Walls Part 2: Influence of Cavity Depth, Number of Layers and other Construction Parameters	790
<i>Steffi Reinhold, Martin Schneider and Heinz-Martin Fischer</i>	
Vibroacoustic characteristics of light-weighted slabs - Part 1: Aspects of Numerical Modeling, Model Updating and Parametric Studies using the Buckingham π -Theorem	794
<i>Mathias Kohrmann, Martin Buchschmid, Axel Greim, Gerhard Müller and Ulrich Schanda</i>	
Vibroacoustic characteristics of light-weighted slabs - Part 2: Measurement-Based Investigation of the Sound Radiation of Suspended Ceilings	798
<i>Martin Buchschmid, Mathias Kohrmann, Christoph Winter, Gerhard Müller, Raphael Vöttl and Ulrich Schanda</i>	
Prediction of horizontally transmitted Sound from Impacted Lightweight Stairs - Part 1: Case Study	802
<i>Jochen Scheck, Barry Gibbs and Heinz-Martin Fischer</i>	
Prediction of horizontally transmitted Sound from Impacted Lightweight Stairs - Part 2: Proposal for a Standard Test Procedure	806
<i>Christoph Fichtel and Jochen Scheck</i>	

First year of the Lightweight Construction Test Suite in Dübendorf, Measurements of the acoustical performance of timber constructions <i>Christoph Geyer, Rudolf Bütikofer, Andreas Müller, Bernhard Schuppisser and Ali Sanavi</i>	810
Development of wall- floor -junctions in timber buildings with resilient layers to reduce flanking sound transmission <i>Ali Sanavi, Christoph Geyer, Andreas Müller, Bernhard Schuppisser, Ulrich Gerhafer and Hans-Jacob Strehler</i>	814
Experimental Investigations on Flanking Sound Transmission in Lightweight Timber Frame Constructions <i>Lieven De Geetere</i>	818
Prediction of the Dynamic Properties of a Cross Laminated Timber Plate from an Investigation of the Eigenmodes Using a Scanning Laser Vibrometer <i>Claire Churchill and Carl Hopkins</i>	822
Radiation efficiencies of timber joist ceilings <i>Jan-Henning Schmidt, Volker Wittstock and Sabine Langer</i>	826

Wednesday, 20 March 2013

Computational aero-acoustics in industrial applications

Acoustic Assessment of Car HVAC Components using CFD-CAA <i>Johannes Kreuzinger, Florian Schwertfirm and Nikolaus Peller</i>	830
Zonal LES for axial fan broadband noise prediction Part 2: Computational Test Case <i>Michele De Gennaro, Alessandro Zanon, Helmut Kuehnelt and Domenico Caridi</i>	834
Hybrid Methods in Aeroacoustic Simulations of Climatronic Systems <i>Matthias Tautz, Stefan Becker, Sebastian Willmitzer and Kerstin Altenhein</i>	838
Simulation approaches for the prediction of the acoustic excitation on a passenger car vehicle. <i>Martin Maihöfer, Alexander Schell, Volker Schwarz, Hironori Tokuno and Reinier Toppinga</i>	841
Accuracy of Aeroacoustic Analogies Inside the Flow Region <i>Andreas Hüppe, Aaron Reppenhausen, Manfred Kaltenbacher and Gerhard Dutzler</i>	843
Assessment of Front-Rotor Trailing-Edge-Blowing for Open Rotor Noise Reduction <i>Rinie Akkermans, Arne Stuermer and Jan Delfs</i>	847
CAA Estimation of Noise Radiated from a 2D Airfoil Profile with Leading Edge High-Lift Devices <i>Seiji Adachi, Peter Brandstätter and John C. Simpson</i>	851
Prediction of acoustic behaviour of microperforated plates in High-lift configuration <i>Katherina Rurkowska and Sabine Langer</i>	855

Wednesday, 20 March 2013

Demands on room acoustic criteria

On the Nature and Usability of Room-acoustical Parameters <i>Jens Blauert</i>	857
Room Acoustical Parameters in predictions of concert hall preference - about uncertainties, explanation and understanding <i>Magne Skålevik</i>	861
Acoustic Measurement of Bonci Theatre in 2012 <i>Dario D'Orazio, Lisa Loreti, Simona De Cesaris and Massimo Garai</i>	865
Requirements for Room Acoustical Parameters - a proposal for structuring the questions on how to define them <i>Uwe M. Stephenson</i>	869

Wednesday, 20 March 2013

Digital signal processing in audiology

- Comparison of Transfer Functions in the Ear Canal for Open-Fitting Hearing Aids 873
Tobias Sankowsky-Rothe, Derya Dalga, Simon Doclo and Matthias Blau
- Combined Noise Reduction and Coherence Reshaping for Binaural Hearing Aids 875
Daniel Marquardt, Volker Hohmann and Simon Doclo
- An Evaluation of Binaural Noise and Reverberation Reduction Algorithms 879
Masoumeh Azarpour, Dominic Schmid, Rainer Martin and Timo Gerkmann

Wednesday, 20 March 2013

Effects of noise

- Cardiovascular Disease: Relationship to Night Employment and/or Traffic Noise 883
Dirk Windelberg
- Reaction in the Brain to Low-Frequency Noise 885
Detlef Krahe and Tobias Weigler
- Experiments to measure the effects of noise and sonority based on subject's TCM-related body stress reactions during the 27. Audio Media Convention 888
Florian M. König
- Noise and Community Annoyance: Stress correlation. 892
G. Mario Mattia

Wednesday, 20 March 2013

Electroacoustics and sound reinforcement 2

- Virtual Microphones: Solving the Technical Difficulties for a Practical Device 894
Tobias Merkel, H.-G. Lühmann and Tom Ritter
- Electret microphones with stiff plates as membranes 897
Joachim Hillenbrand, Sebastian Haberzettl and Gerhard M. Sessler
- Full 3D sound pick-up with a small microphone array: Prototype outline and preliminary assessment 899
Julian Palacino and Rozenn Nicol

Wednesday, 20 March 2013

Environmental noise: Action planning (Poster)

- HUSH Project: noise reduction measurement in two pilot cases to evaluate the effectiveness of the planned actions 903
Tamara Verdolini, David Casini, Andrea Carmagnini, Marco Ranoisio and Diego Palazzuoli
- An Example Of Noise Mitigation Plan In Tuscany 904
Federica Bettarello, Marco Caniato, Vincenzo Baccan and Francesco Orsini
- The acoustical characterization of special pavements with rubber: some results in four different sites and the problem of their comparison. 907
Mauro Cerchiai, Luca Teti and Gaetano Licitra

Wednesday, 20 March 2013

Environmental noise: END and legislation

- The assessment of environmental noise impact in the European Union. 911
Marco Paviotti, Stylianos Kephelopoulos and Colin Nugent
- On-going activities of the European Union institutions to tackle environmental noise. 915
Marco Paviotti, Stylianos Kephelopoulos, Colin Nugent, Piotr Rapacz and Koen De Vos
- Noise Exposure in EU Cities: a Challenging Comparison 919
Gaetano Licitra and Elena Ascari
- Proposals of the ALD for the revision of the Environmental Noise Directive END 923
Michael Jäcker-Cüppers

Wednesday, 20 March 2013

Environmental noise: END and legislation (Poster)

- Environmental Noise in Liechtenstein 926
Manfred Bischof

Wednesday, 20 March 2013

Environmental noise: Noise from sources

- The "Movida" in Milan: a Year of Noise Monitoring 927
Mario Gregorio Piuri, Stefano Ferrari, Michele Gravelloni, Davide Pavesi, Maria Rosaria Barone, Stefano Zerbo, Federico Antognazza, Adriano Cati and Franco Olivieri
- Open Air Cinema Arrangement with Minimized Noise Emission 930
Axel Roy and Hartmut Zschaler
- Manual for the assessment of noise in Austrian farms 934
Michael Kropsch and Christoph Lechner
- Comparative assessment due to future runway layouts for the Airport of Florence 936
Tamara Verdolini and Cristina Giannardi
- Sound power level of people speaking 940
Marco Caniato, Federica Bettarello and Michele Taffarel
- AHAAH - A Comprehensive Concept to Assess Auditory Hazard Risk 944
Dietrich Kühner and Karl-Wilhelm Hirsch
- From Noise Monitoring to Noise management 948
Andrea Cerniglia and Markus Petz
- Acoustic and Energetic Efficiency of Air Transport Systems 951
Peter Brandstätter and Philip Leistner
- Lawsuits for Neighbour Noise: an Attempt of Comparing Judicial Noise Standards in European Countries 955
Giorgio Campolongo
- Noise Propagation and Meteorology? 959
Dieter Knauß and Carl-Christian Hantschk
- Estimation of the Directivity Pattern of Muzzle Blasts 961
Karl-Wilhelm Hirsch and Werner Bertels
- The EU research effort towards the control of noise emissions from ships: the SILENV Project (7FP) 963
Aglaia Badino, Davide Borelli, Tomaso Gaggero, Enrico Rizzuto and Corrado Schenone

Wednesday, 20 March 2013

Environmental noise: Noise from sources (Poster)

- Noise Impact of Ships Moored in Venice Harbour 967
Francesca Remigi and Antonino Di Bella
- Statistical analysis of a combination of objective and subjective data concerning environmental noise using Factor Analysis and Multinomial Logistic Regression 969
Margret Engel, Emerson Hochsteiner De Vasconcelos Segundo and Paulo Henrique Trombetta Zannin
- Sounds of countryside 972
Alessandro Scavazza and Nadia Nadal
- Potential Impact of Latest Proposals for new European Vehicle Noise Limits 973
Michael Dittrich and Foort De Roo

Wednesday, 20 March 2013

Environmental noise: Noise mapping (Poster)

- Auralisation of Environmental Noise Maps 977
Adam Craig, Don Knox and David Moore
- Qualitätsgesicherte Lärmkartographie - Teil 2: Regeln 981
Karl-Wilhelm Hirsch, Frank Hammelmann and Berthold Vogelsang
- Categorization Method to Study Environmental Noise in Málaga 984
Carlos Prieto Gajardo, Juan Miguel Barrigón Morillas, Valentín Gómez Escobar, Guillermo Rey Gozalo, Rosendo Vilchez-Gómez, Juan Antonio Méndez Sierra and Francisco Javier Carmona Del Río

Wednesday, 20 March 2013

Flow acoustics (Poster)

- Radial Mode Analysis in an Aero-Acoustic Wind Tunnel (AWT) 988
Juan D. Laguna, Michael Bartelt and Joerg R Seume

Wednesday, 20 March 2013

History of acoustics

- Concert hall design 1960-2010 - a historical review 992
Jürgen Meyer
- Ein neuer Katalog der historischen akustisch-phonetischen Sammlung (HAPS) an der Technischen Universität Dresden 994
Dieter Mehnert and Rolf Dietzel
- Die gemeinsamen Arbeiten von Johannes Kessel und Ernst Mach in Prag 1871 - 1874 997
Rüdiger Hoffmann and Lutz-Peter Löbe
- Optische Analyse der Trommelfell-Schwingungen am lebenden Menschen: Wolfgang Köhler 1909 1001
Götz Corinth and Rüdiger Hoffmann
- Environmental noise in Italy: A Historical Perspective 1005
Carmine Ianniello

Wednesday, 20 March 2013

History of acoustics (Poster)

- Marek Kwiek - The Father of Polish Acoustics 1009
Agnieszka Jarzebska, Borys Kowalewski, Elżbieta Maniakowska and Alicja Semanicka

Wednesday, 20 March 2013

Hydroacoustics: Source identification, sound propagation, and communication

- Data Evaluation of Underwater Radiated Noise of Ships in Relation with Directivity 1011
Anton Homm
- Underwater noise pollution by merchant ships 1015
Stefan Schael
- Free-Field Measurements of RV PLANET - Aspect Angle Variability 1019
Volkmar Nejedl, Jan Abshagen, Arne Stoltenberg and Ralf Lühder
- Investigations on small target detection under water 1023
Dietmar Stiller
- Interior flow noise beneath a flat plate immersed in water 1025
Jan Abshagen, Ch Will, Ingo Schäfer and G Pfister
- Low wave-number analysis of wall pressure fluctuation spectra 1029
Elena Ciappi and Massimo Miozzi

Wednesday, 20 March 2013

In vivo acoustic measurements in musicians and music instruments

- Application of Sound Shields in Orchestras I. Acoustic Measurements 1033
Cristina Zamorano Martinez, Malte Kob, Timo Grothe and Heinz-Dieter Neumann
- Application of Sound Shields in Orchestras - II Perceptive Studies 1037
Verena Beatrix Schulte, Maria Schuppert, Heinz-Dieter Neumann and Malte Kob
- A Physiologic Approach to Rate the Damage Risk of Impulse Noise 1041
David Pazen and Martin Walger

Wednesday, 20 March 2013

Intake and exhaust noise

- Turbocharged IC-Engine Intake Noise Prediction Based on Linear Acoustics 1045
Yasser Elnemr and Rafael Veloso
- In-duct Source Characterization of Automotive Intake Systems on the Chassis-Dynamometer 1049
Flavio Faccioli, Eugène Nijman, Carlo Ubertino, Luca Marini, Claudia Tremonti and Klaus Pfaffelhuber
- Development Methodology for Active Exhaust Systems 1053
Dennis Bönner, Hoi-Jeon Kim, Hannes Steinkilberg and Gerhard Zintel
- Progress on Active Exhaust Silencers for Gasoline Engines 1057
Jan Krüger, Michael Pommerer and Matthias Conrath
- Active Sound Design for Diesel Exhaust Systems 1060
Michael Pommerer, Viktor Koch and Jan Krüger

- The application of an active Helmholtz resonator to an intake system. 1063
Lars Hansson
- Numerical calculations of dissipative mufflers performance 1067
Liubov Vorobeva and Alexandr Komkin

Wednesday, 20 March 2013

Listening and understanding speech in rooms 2

- Envelope enhancement for improving hearing in reverberant spaces 1071
Bernhard Seeber and Jessica Monaghan

Wednesday, 20 March 2013

Machinery noise

- Diagnostic of rotating machinery based on their acoustic signature 1073
Paolo Chiariotti, Milena Martarelli and Enrico Primo Tomasini
- New Perspectives for the Noise Control of Mobile Machines 1077
Eleonora Carletti
- Determination of Rigid Body Inertia Properties of Combustion Engines based on measured Frequency Response Functions 1081
Christoph Tamm and Matthias Kurch
- Steam Turbine Exhaust casing - Determination of Sound Reduction Index by Measurement and Calculation 1085
Werner Schirmer
- Simulation of the Sound Radiation of an Air Conditioning Unit from a Railway Vehicle using Transfer Matrix Techniques 1088
Moritz Linke, Rüdiger Starobinski, Welf-Guntram Drossel, Holger Kunze, Jan Troge and Björn Knöfel
- Qualification of Laboratories for Sound Power Determinations 1092
Christian Bethke and Volker Wittstock
- Application of Psychoacoustics on the Machinery Noise Emission of Gear Transmissions 1095
Christian Brecher, Markus Brumm and Christian Carl

Wednesday, 20 March 2013

Machinery noise (Poster)

- A procedure for measuring electric motor noise in noisy environments 1097
Rosario Romano, Raffaele Dragonetti, Francesco Mercogliano and Sabato Di Filippo
- Parameters influencing the vibration excitation in elliptically deformed ball bearings 1101
Adam Skowronek, Steffen Kuhl, Joachim Bös and Holger Hanselka
- Acoustic Emission Sensors based on Piezo-Composites for Machinery Engineering Applications 1104
Christian Probst, Peter Holstein, Dominik Surek and Andreas Tharandt

Wednesday, 20 March 2013

Medical acoustics

- Preclinical Stress Test for Coding Strategies in Cochlear Implants 1107
Michele Nicoletti, Christian Wirtz and Werner Hemmert
- Objective Evaluation of Binaural Noise Reduction Schemes 1110
Christoph Völker, Giso Grimm and Stephan M.A. Ernst

Wednesday, 20 March 2013

Models of the hearing system and psychoacoustic quantities

- Analysis of the auditory system via sound texture synthesis 1114
Richard McWalter and Torsten Dau
- Extension and Evaluation of a Signal Processing and Perception Model 1118
Carolin Iben and Stephan D. Ewert
- Roughness calculation for randomly modulated sounds 1122
Arne Oetjen, Uwe Letens, Steven Van De Par, Jesko Verhey and Reinhard Weber
- Progresses in standardizing loudness of time-variant sounds 1125
Roland Sottek and Klaus Genuit

Wednesday, 20 March 2013

Music acoustics 2

- The Impact of Music Preference on the Physiological Activation of the Human Body due to Music Reception 1129
Fabian Greb and Jochen Steffens

Wednesday, 20 March 2013

Noise and vibration at the working place 2

- Practical experience with hearing aids with hearing protection function 1132
Peter Sickert
- Individual Sound Attenuation of Ear-Plugs Measured with Audiometric Methods 1136
Sandra Dantscher
- Vibrations on Buses 1140
Alessandro Peretti, Francesco Bonomini, Anita Pasqua Di Bisceglie and Giovanni Battista Bartolucci
- Vibrations on Forklifts 1144
Alessandro Peretti, Francesco Bonomini and Anita Pasqua Di Bisceglie
- New advances in the active noise control technology at workplace 1148
Lindoro Del Duca, Pietro Nataletti, Diego Annesi, Luigi Cerini, Maurizio Serra, Antonio Moschetto, Filippo Sanjust and Simone Marra

Wednesday, 20 March 2013

Noise control for machinery and domestic environment (Poster)

- Optimization of the Acoustic Emission of Blenders 1150
Martin Fischer, Bruno Spessert and Bernhard Kühn
- Comparison of Big Silencers 1152
Filip Verbandt and Claude Bataillie

Wednesday, 20 March 2013

Numerical acoustics 2

- On the Accuracy of finite Elements compared to experimental Results and the Influence of distorted Elements 1156
Marcus Guettler and Steffen Marburg
- Flexible Discretization for Computational Acoustics 1158
Manfred Kaltenbacher, Andreas Hüppe and Barbara Wohlmuth
- Transmission loss modelling of double wall structures using hybrid simulation 1161
Alexander Peiffer, Clemens Moeser and Arno Röder
- Application and analysis of a boundary error indicator based adaptive Wave Based Technique 1165
Tamás Mócsai and Fülöp Augusztinovicz
- Modeling absorption by implementing boundary conditions for the time domain boundary element method 1169
Carsten Marter and Martin Ochmann
- Iterative approach for transmission loss simulations 1173
Rafael Piscoya and Martin Ochmann
- Dynamic load in a layered soil with anisotropic material 1177
Holger Waubke and Wolfgang Kreuzer
- The Combination of a Multi-Level Fast Multipole Algorithm with a Source-Clustering Method for higher expansion orders 1181
Ralf Burgschweiger, Ingo Schäfer, Martin Ochmann and Bodo Nolte
- Numerical optimization of the distribution of damping layers based on structural intensity 1185
Clarissa Schaal, Joachim Bös and Holger Hanselka

Wednesday, 20 March 2013

Numerical acoustics 3

- A Hybrid Method to Assess the Sound Field of Moving Sources 1189
Michael Rescheleit and Otto Von Estorff
- Parallel Sound Particle Radiosity: Reunification of Diffracted and Scattered Sound Particles on Parallel Computers 1193
Alexander Pohl, Jan Winkelmann and Uwe M. Stephenson
- Open Bottles - Helmholtz resonator and quarter wave effect 1197
Stefanie Retka and Steffen Marburg
- Obtaining dispersion curves of lined ducts by solution of a transcendental eigenvalue problem 1199
Bernhard Karl Bachner
- On the Applicability of Interval Arithmetics to Uncertain Coupled Vibro-acoustic FE-models 1201
Lydia Mayer and Otto Von Estorff

On vibro-acoustic analysis with BEM Hierarchical Matrix approach <i>Boris Dilba, Otto Von Estorff and Olgierd Zaleski</i>	1205
FMBEM Simulation of scattered wave fields excited by multiple moving sources <i>Peter Fiala and Péter Rucz</i>	1209
Comparison of two different halfspace formulations for the investigation of acoustical problems via the 2D fast multipole boundary element method <i>Malte Gehlken, Sören Keuchel and Otto Von Estorff</i>	1213
Using finite-difference time-domain methods with a Rayleigh approach to model low-frequency sound fields in small spaces subdivided by porous materials <i>Nuno Ferreira and Carl Hopkins</i>	1217

Wednesday, 20 March 2013

Numerical simulation in vehicle acoustics

Latest Developments in Solving Large Simulation Models in View of Pass-By Noise <i>Koen Vansant</i>	1221
Comparative Analysis of Different Deterministic Methods for the Simulation of Exterior Noise Acoustic Transfer Functions <i>Giuseppe Miccoli, Claudio Bertolini and Abdelkader Bihhadi</i>	1225
Simulation of the Acoustical Behaviour of Thin Structures with Transient Excitation <i>Wolfgang Foken, Marleen Koch, Klaus Bernert and Marcus Gramling</i>	1229
Simulation of the airborne and structure-borne noise of electric powertrain: validation of the simulation methodology <i>Jean-Baptiste Dupont and Pascal Bouvet</i>	1232
Particle velocity sensors of enhancing vehicle acoustic simulations <i>Daniel Fernandez Comesaña, Iban Cereijo Grana and Andrea Grosso</i>	1236
Boundary Element Energy Method for the Acoustic Prediction of Automotive External Noise - Industrial Application. <i>Benjamin Betgen, Michael Thivant, A Cloix, Pascal Bouvet and Thierry Lambert</i>	1240
Numerical Investigations on Structure-Borne and Air-Borne Insertion Loss of Acoustical Multilayers used in the automotive industry <i>Claudio Bertolini</i>	1244
FEM-Berechnung eines äquivalenten Dämpfungskennwerts von mehrschichtigen Systemen mittels Power Input Methode <i>Thomas Semerak, Volker Rathje and Otto Von Estorff</i>	1248
Sound Insulation of Structured Double Walls <i>Carsten Langhof and Ennes Sarradj</i>	1252

Wednesday, 20 March 2013

Physical acoustics

Auditory functional MRI of interaural time and phase differences <i>Stefan Uppenkamp and Paul Glad Mihai</i>	1256
Bubble Pair Interaction <i>Werner Lauterborn, Bing Han, Robert Mettin and Alfred Vogel</i>	1258

Wednesday, 20 March 2013

Physical acoustics (Poster)

- Wellenausbreitung im inhomogenen Festkörper 1262
Oskar Bschorr
- Review of the use of metamaterials for acoustic scattering reduction 1264
Marco Norambuena and Martin Ochmann

Wednesday, 20 March 2013

Psychoacoustics

- Influence of time constants and compression on the prediction of temporal integration of loudness 1266
Jan Hots, Jan Rennies and Jesko Verhey
- Preference and loudness of multi-tone sounds 1269
Stephan Töpken, Jesko Verhey and Reinhard Weber
- Modeling release from masking of single components in tone complexes 1273
Martin Klein-Hennig, Mathias Dietz, Stephan D. Ewert and Volker Hohmann
- Suprathreshold perception of tones in conditions of masking release 1276
Katharina Egger and Bastian Epp
- Modeling Masked Thresholds of Real Signals in Real Backgrounds 1280
Lena Schell-Majoer, Jan Rennies, Stephan D. Ewert and Birger Kollmeier
- Partial loudness of a signal for different masker types using categorical loudness scaling 1283
Wiebke Heeren and Jesko Verhey
- Comparison of Dichotic and Binaural Reproduction in an Experiment on Selective Auditive Attention 1286
Janina Fels, Josefa Oberem, Britta Karnbach, Vera Lawo and Iring Koch
- Psychoacoustics in Imaging Localization of Sound Sources 1290
Stefan Neugebauer, Benjamin Riebold and Dirk Döbler
- Revision of ISO 532 'Acoustics - Method for calculating loudness level' - recent developments and future outline 1293
Joachim Scheuren
- Intelligibility of speech produced in temporally modulated noise 1297
Ewen Macdonald and Stefan Rauffer
- Auditory Streaming in Cocktail Parties: Better-Ear vs. Binaural Processing 1301
Esther Schoenmaker and Steven Van De Par
- Level Dependency of Auditory Stream Segregation 1304
Christopher Hauth, Simon Krogholt Christiansen and Torsten Dau
- Soft Metrology in acoustics: influence of noise on Stroop effect. 1308
Laura Rossi, Andrea Fardin and Alessandro Schiavi
- Global and local temporal envelope processing 1312
Thomas Biberger and Stephan D. Ewert
- Scale - A Software Tool for Listening Experiments 1316
Arnau Vázquez Giner
- HRTF-Measurements with Earmolds and Conventional Ear Plugs - A Comparison 1320
Stefan Rauffer, Eugen Rasumow and Matthias Blau
- Magnitude Production of Pitch Ratios: A Comparison of Musicians and Non-Musicians 1322
Florian Kattner and Wolfgang Ellermeier

Wednesday, 20 March 2013

Psychoacoustics (Poster)

- AFC - A modular framework for running psychoacoustic experiments and computational perception models 1326
Stephan D. Ewert
- Frequency difference limens at high frequencies for normal-hearing and hearing-impaired subjects 1330
Stephan M.A. Ernst and Brian C.J. Moore

Wednesday, 20 March 2013

Rail/wheel noise 2

- Acceptance of Railway Vehicles within the simplified Evaluation Method according to TSI Noise - conventional Rail System (2011/229/EU) - practice of the Procedure and its Limitations 1332
Frank Steinbach and Alex Sievi
- Determination of the state of the art of noise emissions from European rail Vehicles & TSI Noise Revision 1335
Urs Reichart, René Weinandy, Stefan Lutzenberger and Christian Gutmann
- How to measure brake noise of railbound vehicles 1337
Christoph Eichenlaub, Jörn Arendholz, Deborah Brosig and Joan Sapena
- Influence of wheel brake discs on the structural dynamic behavior of railway wheel sets 1340
Sebastian Groth and Torsten Kohrs
- Practical aspects of acoustical wheel roughness measurements 1344
Christian Gutmann and Stefan Lutzenberger
- Schalltechnische Untersuchungen in und an Schienenfahrzeugen auf der Neubaustrecke Wien - St. Pölten 1348
Michael Göbl, Günther Achs and Michael Mach

Wednesday, 20 March 2013

Recent advances on sound and vibration active control 1

- Energy Harvesting Using Nonlinear Control 1352
Maryam Ghandchi Tehrani and Steve Elliott
- H2 optimal vibration control using tuned mass dampers and inertial actuators: comparison of passive and active control effects. 1355
Neven Alujevic, Guoying Zhao, Bruno Depraetere, Bert Pluymers, Paul Sas and Wim Desmet
- The research project LOEWE-Zentrum AdRIA: recent results and latest developments 1359
Joachim Bös, Thilo Bein and Holger Hanselka
- Identification of Power Transfer Matrices 1363
Gregor Lukas Stein, Oliver Janda and Ulrich Konigorski
- Reduction of the sound transmission through a double-glazed window by the use of adaptive methods 1367
Tim Bastian Klaus, Oliver Heuss and Sven Herold
- Acoustic masking by means of an active system 1371
Christian Thyges, Johannes Tschesche, Joachim Bös and Holger Hanselka
- Simulation of smart wolf note eliminators 1375
Johannes Tschesche, Christian Thyges, Joachim Bös and Holger Hanselka
- Investigation of an Applicability of Dielectric Elastomer Actuators (DEA) for Active Vibration Attenuation on Planar Structures 1379
Roman Karsten, Mesut Ibis, Peter Groche and Helmut F. Schlaak

Wednesday, 20 March 2013

Room acoustics (Poster)

- A particular acoustical insulation in a restoration work 1383
Alessandro Cocchi
- Architectural Acoustics and Electroacoustic in the Asisium Theatre: an Integrated Construction Work 1387
Luca Quaranta
- Measurements and Room Acoustic Analysis with the ITA-Toolbox for MATLAB 1391
Pascal Dietrich, Martin Guski, Johannes Klein, Markus Müller-Trapet, Martin Pollow, Roman Scharrer and Michael Vorländer
- Influence of Loudspeaker Distortion on Room Acoustic Parameters 1395
Pascal Dietrich, Martin Guski and Michael Vorländer
- Palacultura - Messina: Acoustic characterization ante/post- operam for the placement of a Camera Acustica 1399
Roberto Furlan and Basilio Mangano
- Acoustic characterization and numerical simulations of Rossini Theatre in Lugo and Masini Theatre in Faenza 1402
Davide Spada, Dario D'Orazio, Simona De Cesaris and Massimo Garai
- From Historical Slaughterhouse to drama theater: example of an acoustic renovation 1406
Francesco Orsini, Marco Caniato and Federica Bettarello

Wednesday, 20 March 2013

Room acoustics 1

- Damping of Modes in Small Rooms 1410
Ingolf Bork and Jannis Klaus
- Measurement of Absorption Coefficients of Worshippers in Mosques by Reverberation Room Method 1412
Tobias Behrens and Wolfgang Ahnert
- Influence of the Amount and Distribution of Absorbers on the Room Acoustic Properties of School Sports Halls 1415
Joachim Zander, Frank Schnelle and Roland Kurz
- Diffusivity Coefficients Caused by Edge Diffraction of Arbitrary Polygonal Reflectors 1419
Stefan Drechsler and Uwe M. Stephenson
- Influence of a volume scale factor on the scattering coefficient effects on the prediction of room acoustic parameters 1423
Louena Shtrepi, Arianna Astolfi and Monika Rychtáriková

Wednesday, 20 March 2013

Sandwich materials (Poster)

- The Effects of Physical Material Properties of the Attractiveness of Objects 1427
Nicki Bader, Peter Holstein, Andreas Tharandt, Jürgen Häberle, Julia Schulz and Christian Probst

Wednesday, 20 March 2013

Signal processing (Poster)

- Automatische Untertitel-Synchronisation von Theater- und Fernsehaufführungen 1431
Guntram Strecha, Ulrich Kordon and Karlheinz Mayer
- Effect of Secondary Path Amplitude Estimation Errors on the Performance of ANC-Motivated Algorithms for Open-Fitting Hearing Aids 1435
Derya Dalga and Simon Doclo
- Automated Sequence Clustering of Audio Signals using Conditional Random Fields 1439
Dierck Matern, Alexandru Condurache and Alfred Mertins

Wednesday, 20 March 2013

Soundscaping: Collecting and documenting

- Comparison of Binaural Measurement Systems for Indoor Soundscaping Study 1441
Papatya Nur Dökmeçi and Jian Kang
- What "in" the acoustic signal accounts for Soundscape? 1445
Danièle Dubois, Maria Neissen and Ana Maria Reyes

Wednesday, 20 March 2013

Soundscaping: Collecting and documenting (Poster)

- A machine learning based model for urban soundscapes classification 1449
Antonio J. Torija and Diego P. Ruiz
- Creation of a Possible Soundmap: The Experience of the Province of Turin 1453
Daniele Grasso, Jacopo Fogola, Danilo Corgnati, Stefano Zorzanello, Cecilia Alemagna and Laura De Caro

Wednesday, 20 March 2013

Soundscaping: Creating and designing (Poster)

- Effects of landscape factors on soundscape perception in city parks 1457
Jiang Liu and Jian Kang

Wednesday, 20 March 2013

Soundscaping: Harmonising

- Fruitful Interdisciplinarity for Soundscape Research and Design 1461
Frans Mossberg
- Noise exposure and health effects in children: Results from a contextual soundscape perspective 1465
Peter Lercher, Alex Eisenmann, Luc Dekoninck, Dick Botteldooren, Ulrich Widmann and Gary W. Evans
- Characterization of quiet areas with a new indicator of contrast 1469
Pauline Delaitre, Catherine Lavandier and Damien Masson
- Realism and ecological validity of sound quality experiments on household appliances 1473
Jochen Steffens

Wednesday, 20 March 2013

Soundscaping: Understanding and exchanging

- Applicability and Application of Music Features in Soundscape 1477
Ming Yang and Jian Kang
- Effect of Vegetation on Sound Fields in Idealised Urban Open Spaces 1481
Giuseppina Emma Puglisi, Jian Kang, Yuliya Smyrnova and Arianna Astolfi
- A proposal for a systematic sound documentation 1485
Stefano Zorzanollo and Albert Mayr
- Soundwalk analysis of public spaces in the City of Berlin 1489
Kay Sebastian Voigt
- Silent Soundwalking: an urban pedestrian soundscape methodology 1493
John Drever
- Subjective Evaluation of Soundscape Recordings in the Psychoacoustic Experiment 1496
Karlo Filipan, Hrvoje Domitrović and Kristian Jambrošić
- Quiet zones, is 'quiet' the correct identifier? 1500
Natalia Manrique-Ortiz and Brigitte Schulte-Fortkamp

Wednesday, 20 March 2013

Soundscaping: Understanding and exchanging (Poster)

- Greenery Systems in Historical Urban Centres: Soundscape Evaluation, Design Acoustic Proposals 1503
Ilaria Poma, Jian Kang, Yuliya Smyrnova and Arianna Astolfi
- Soundscape-Sensing in Social Networks 1507
Joao Cordeiro, Alvaro Barbosa and Bruno Afonso
- Soundscape and its Relation to Core Affect, Appraisal, and Motivation 1511
Tjeerd Andringa
- Sanitary Soundscapes: the noise effects from ultra-rapid 'ecological' hand dryers on vulnerable subgroups in publicly accessible toilets 1514
John Drever

Wednesday, 20 March 2013

Speech processing (Poster)

- Glottal Stop Detection in German-Accented English Using ASR 1518
Maria Paola Bissiri, Ivan Kraljevski and Rüdiger Hoffmann
- Selective attention to speech in a working memory paradigm: testing younger and older normal-hearing adults 1522
Silvia Carmen Lipski

Wednesday, 20 March 2013

Structure-borne sound and vibration (Poster)

- Piping fatigue failures by acoustically induced vibration: when design optimization may sacrifice mechanical integrity and safety 1526
Rosario Romano, Giuseppe Squadrone and Raffaele Dragonetti

Acoustic Radiation Characteristics of the Vibrating Plate Structures with Arbitrary Boundary and Environmental Conditions <i>Lukasz Nowak and Tomasz Zielinski</i>	1530
Modification of Flat Plates to Decrease Radiation Efficiency <i>S. S. Pathan and Dhanesh N. Manik</i>	1534
Evaluation of the use of electrical drive as a sensor for the detection of bearing damage <i>Thomas Herold, Christelle Piantsof Mbo'O and Kay Hameyer</i>	1538

Wednesday, 20 March 2013

Structure-borne sound and vibration 1

Calculation of Transmission-Loss and Noise-Reduction-Indices Using a Random Finite Element Simulation <i>Martin Abele and Otto Von Estorff</i>	1541
Effects of locale property changing of hardable sheetmetals to transmission of sound <i>Rico Schmelter and Armin Lohrengel</i>	1545
Identification of structural parameters based on acoustic measurements <i>Thomas Kletschkowski</i>	1549

Wednesday, 20 March 2013

Thermoacoustics (Poster)

Determination of the stability limit of a thermoacoustic engine by means of finite elements <i>Anne De Jong, Ysbrand Wijnant and André De Boer</i>	1553
---	------

Wednesday, 20 March 2013

Transport noise (Poster)

Field Results on Highway Noise Emission in Italy <i>Dorina Spoglianti, Alessandro Bertetti, Marco Falossi and Pasquale Bottalico</i>	1557
Binned fit approach for evaluating noise levels from vehicle traffic <i>Riccardo Zei and Gaetano Licitra</i>	1560

Wednesday, 20 March 2013

Tyre/road noise 1

European Road Administrations Desiderata on Noise Research <i>Patrizia Bellucci</i>	1564
Global Road Noise Development: Example for the use of a DfSS approach to optimize the vehicle development <i>Markus Gewalt and Volker Grützmacher</i>	1568
Towards low-noise Paving Stone Road Surfaces <i>Manuel Männel</i>	1572
Reduction of Tire/Road Noise due to Application of Thin Pavement Layers <i>Christian Schulze, Sebastian Kluth, Mirko Ruhnau, Jörn Hübelt and Wolfram Bartolomaeus</i>	1575
Noise Reduction and Long-term Effectiveness of Low Noise Road Surfaces in Urban Streets of Munich <i>Manfred Liepert, Ulrich Möhler and Michael Schumm</i>	1579

Raised Crosswalks: Their Effects on Road Noise <i>Carlo Baistrocchi</i>	1582
Wind Influence on SPB-Measurements <i>Wolfram Bartolomaeus</i>	1586
Quiet Road Traffic 3 - Interdisciplinary Research on the Optimization Potential of Pavements, Tires and Vehicles <i>Christina Bückers, Bianca Drewes, Ulrike Stöckert and Wolfram Bartolomaeus</i>	1590
The contribution of air-pumping to tyre/road noise <i>Julia Winroth, Carsten Hoever, Wolfgang Kropp and Thomas Beckenbauer</i>	1594
Research on Selective Manipulation of Tyre/Road Noise under Driving Torque <i>Frank Stalter and Frank Gauterin</i>	1598
The Influence of Modelling Parameters on the Simulation of Car Tyre Rolling Noise and Rolling Resistance <i>Carsten Hoever and Wolfgang Kropp</i>	1601
Predicting rolling resistance as function of road surface and tyre profile <i>Wolfgang Kropp and Carsten Hoever</i>	1605

Wednesday, 20 March 2013

Virtual acoustics 2

On the Use of Continuous-Azimuth HRIR in Higher-Order Ambisonics Rendering <i>Johann-Markus Batke, Stefan Abeling, Peter Jax, Michael Weinert and Gerald Enzner</i>	1609
The relation between perceived apparent source width and interaural cross-correlation in sound reproduction spaces with low reverberation <i>Johannes Käsbach, Marton Marschall, Bastian Epp and Torsten Dau</i>	1613
Subjective evaluations in virtual environments <i>Lamberto Tronchin, Andrea Venturi and Angelo Farina</i>	1617
Just Noticeable Differences of Spatial Perception in Directly Manipulated Binaural Room Impulse Responses <i>Stefan Klockgether and Steven Van De Par</i>	1621
Authenticity and Naturalness of Binaural Reproduction via Headphones regarding Different Equalization Methods <i>Josefa Oberem, Bruno Masiero and Janina Fels</i>	1624
Frequency domain filter exchange for DFT-based fast convolution <i>Frank Wefers and Michael Vorländer</i>	1627
Using fast convolution for FIR filtering Overview and guidelines for real-time audio rendering <i>Frank Wefers and Michael Vorländer</i>	1630
Audio convolution on GPUs: a follow-up <i>Davide Andrea Mauro</i>	1634
Inverse Ray Tracing for the Optimization of Acoustical Properties in Auralizations of Real Rooms <i>Fabian Knauber, Sönke Pelzer and Michael Vorländer</i>	1638
Localization experiments of reflections in virtual rooms <i>Ramona Bomhardt and Janina Fels</i>	1642
Self-localisation in virtual environments <i>Vojtech Chmelik, Greet Nuyts, Christ Glorieux and Monika Rychtáriková</i>	1645
Angle-dependent reflection factors applied in room acoustics simulation <i>Sönke Pelzer, Markus Müller-Trapet and Michael Vorländer</i>	1649
Predictive Auralization of Room Modifications by the Adaption of Measured Room Impulse Responses <i>Christoph Pörschmann, Sebastian Schmitter and Aline Jaritz</i>	1653

Room Impulse Responses of Rectangular Rooms for Sources and Receivers of Arbitrary Directivity <i>Martin Pollow, Pascal Dietrich and Michael Vorländer</i>	1657
Room Impulse Response Measurements with Arbitrary Source Directivity <i>Johannes Klein, Martin Pollow, Pascal Dietrich and Michael Vorländer</i>	1660
On the Impact of Noise Introduced by Spherical Beamforming Techniques on Data-Based Binaural Synthesis <i>Till Rettberg and Sascha Spors</i>	1664
Array modes of compact rigid microphone arrays with unconventional shapes <i>Fabio Kaiser, Franz Zotter and Filippo Fazi</i>	1666

Thursday, 21 March 2013

Thursday, 21 March 2013

50 years of A-weighting, where from, where to?

The History and Future of A-weighting
Beat W. Hohmann

1670

Thursday, 21 March 2013

Acoustic measurements and instrumentation 2

Study on the use of plane wave tube as a base for a non destructive control instrument for frescoes damage assessment.

1674

Paolo Tarizzo, Claudio Guglielmone, Alessandro Schiavi, Michele Cerruti But and Luca Zaretti

Transfer function estimation under fluctuating noise

1677

Aulis Telle

Estimating (electro-)acoustic model parameters using Differential Evolution (DE) optimisation algorithms

1681

Christian Budde

Loudspeaker cabinet characterization using a particle-velocity based scanning method

1684

Daniel Fernandez Comesaña, Andrea Grosso and Keith R Holland

Laser Optical Measurements of Acoustic Particle Velocity in a Duct Flow for Liner Investigations

1688

Anita Schulz, Daniel Haufe, Andreas Fischer, Jürgen Czarske, Friedrich Bake and Lars Enghardt

Microphone-Array Measurements of High-Speed Train Noise

1692

Anders Nordborg and Hyo-In Koh

Approaches for a comprehensive determination and assessment of infrasound effects in Germany

1696

Fabian Ebner, Christian Eulitz and Ulrich Möhler

A Multi-function measurement system based on a dedicated portable computer and a multi-channel wireless sensor system

1698

Geerten Verberkmoes, Michael Sieland, Yasutaka Nakajima, Naru Sato, Masaharu Ohya and Kiyokatsu Iwahashi

Evaluation of Smartphone-Based Audio Applications

1701

Jonas Fischer, Thomas Mayer and Norbert Geng

Thursday, 21 March 2013

Active acoustic systems

Adaptive Feedback Control for Active Noise Cancellation with In-Ear Headphones

1703

Christoph Bruhnken, Sylvia Priese, Hatem Foudhaili, Jürgen Peissig and Eduard Reithmeier

Psychoacoustical Evaluations of Active Noise Control in Headphones

1707

Maximilian Behn

The Need for Psychoacoustics in Active Noise Cancellation

1710

Sylvia Priese, Christoph Bruhnken, Daniel Voss, Jürgen Peissig and Eduard Reithmeier

Active Noise Cancellation in the Exhaust Gas System of a Ship's Engine

1714

Kai Simanowski, Philip Griefnow, Norbert Hövelmann and Delf Sachau

Optimization of Loudspeaker and Microphone Positions of a large Active Noise System <i>Jan Foht, Heiner Mattausch, Delf Sachau and Martin Wandel</i>	1717
eVADER: Electrical Vehicle Alert for Detection and Emergency Response <i>Perceval Pondrom, Juan J. Garcia-Bonito, Joachim Bös and Holger Hanselka</i>	1720
Active structural acoustic control on a double-layer acoustic panel <i>Ondrej Jiricek, Vojtech Jandak and Marek Brothanek</i>	1724
Active Noise Control to reduce Low-Frequency Noise in small and medium-sized Rooms: From Use Case to System Setup <i>Christian Kleinhennrich, Arndt Niepenberg and Detlef Krahe</i>	1727

Thursday, 21 March 2013

Advanced measurement techniques: Operational TPA, force identification

Robust Force Identification for Complex Technical Structures with Single Degree of Freedom Excitation using an Adaptive Algorithm in Time Domain <i>Michael Sturm, Andy Moorhouse, Wolfgang Kropp and Thomas Alber</i>	1730
Structure-borne Sound Source Characterization using the Example of a Roof Air Conditioning Unit from a Railway Vehicle <i>Björn Knöfel, Welf-Guntram Drossel, Holger Kunze, Jan Troge and Jonathan Seifert</i>	1734
Numerical research on eigenfrequency shift and the change of mode shapes due to a crack in a beam model. <i>Martin Stache, Marcus Guettler and Steffen Marburg</i>	1738
Scattering of transfer functions in TPA <i>Timo Lohmann</i>	1740
Comparison of directly and indirectly measured forces for tire-road noise analysis <i>Bernd Philippen, Roland Sottek and Payam Jahangir</i>	1744

Thursday, 21 March 2013

Advances in sound absorbing materials

Identifying micro- and macro- characteristic lengths governing sound wave properties in cellular foams <i>Camille Perrot and Minh Tan Hoang</i>	1748
Dispersion techniques for the characterization of the mechanical properties of porous materials; some numerical simulation results. <i>N.Bert Roozen, Bert Verstraeten, Christ Glorieux and Philippe Leclaire</i>	1749
Ergun-Wu Equation: A Novel Approach for the Determination of Physical Parameters in Low/Medium Porosity Materials. <i>Alessandro Schiavi and Louena Shtrepi</i>	1753
Normal-incidence sound absorption measurements by means of a small cabin <i>Marianna Vivolo, Bert Pluymers, Dirk Vandepitte and Wim Desmet</i>	1757
Observations on absorption measurements in impedance tubes <i>Antje Grebel, Joachim Bös and Holger Hanselka</i>	1761
Experiences on the measurements of open field surface impedance <i>Raffaele Dragonetti, Carmine Ianniello and Rosario Romano</i>	1764
Development of Consolidated Granular Materials as Sound Absorbers: Acoustical and Mechanical Characteristics <i>Seyed Mohammad Hassan Zolanvari and Christof Karlstetter</i>	1768

Thursday, 21 March 2013

Applications of psychoacoustics

- A psychoacoustical evaluation of active and passive methods for noise reduction in automotive engineering 1772
Jesko Verhey, Jan Hots, Tommy Luft, Stefan Ringwelski and Ulrich Gabbert
- Dieselness of Car Noises in Different Driving Conditions 1776
Jakob Putner, Christoph Alexander Divko, Hugo Fastl and Alfred Zeitler
- eVADER: A Perceptual Approach to Finding Minimum Warning Sound Requirements for Quiet Cars. 1780
Ryan Robart, Etienne Parizet, J.-C. Chamard, Karl Jannsens, Fabio Bianciardi, Josef Schlittenlacher, Wolfgang Ellermeier, Perceval Pondrom, James Cockram, Paul Speed-Andrews and Gemma Hatton
- The Benefit from Interviews in the Frame of Psychoacoustic Evaluations of Aircraft Cabin Noise 1784
Helga Sukowski, Stephan Töpken and Reinhard Weber
- Criteria for the Determination of the Acoustic Quality of Ships 1788
Robin Seiler and Gerd Holbach
- Investigations on subconscious perception of product sounds 1791
Sabrina Skoda, Jochen Steffens and Jörg Becker-Schweitzer
- Analytical Hearing-adequate Assessment of Disturbed Radio Broadcast 1794
Marc Lepage, Jan Reimes, Frank Kettler, Udo Müsch, Jörg Zerlik, Frank Homann and Christoph Montag
- Test Environment for Realistic Listening Evaluation of Disturbed Radio Broadcast 1798
Udo Müsch, Marc Lepage, Frank Kettler, Jörg Zerlik, Frank Homann and Christoph Montag
- Effect of synchronous multi electrode stimulation on rate discrimination in cochlear implant users 1802
Andreas Bahmer and Uwe Baumann

Thursday, 21 March 2013

Building acoustics: General 2

- Revision of ISO 717: Future Single-Number Quantities for Sound Insulation in Buildings 1805
Werner Scholl, Judith Lang and Volker Wittstock
- Analysis between weighted sound reduction index according to ISO 717-1 and indices according to ISO 16717-1 1809
Nicola Granzotto and Antonino Di Bella
- Considerations On Low Frequencies Results Of In Situ Sound Insulation Measurements 1813
Renzo Cremonini and Patrizio Fausti
- Typical heavyweight walls performance: variability and density function distribution of airborne sound insulation single number quantities. 1817
Carolina Rodrigues A. Monteiro, Cristian Mondaca, María Machimbarrena G. and Sean Smith
- Subjective Evaluation of Airborne Sound Insulation below 100 Hz 1821
Reinhard Neubauer and Jian Kang
- Results of the application in Spain of the questionnaire proposed by "COST Action TU0901-WG2" 1825
Stefano Pedersoli, María Machimbarrena G., M Angeles Martín Bravo, Ana I Terrero Fernández and Raquel Sorribas Panero

Thursday, 21 March 2013

Environmental noise: Action planning

- Implementation of Noise Action Plans in Berlin 1827
Dorothea Salz, Horst Diekmann and Bernd Lehming
- Hinweise zur Aufstellung von Lärmaktionsplänen in Nicht-Ballungsräumen 1830
Joachim Richard
- Stand und zukünftige Herausforderungen der Strassenlärmbekämpfung in der Schweiz 1834
Irene Schlachter
- European Database of Noise Reducing Devices 1836
Marco Conter, Manfred Haider, Martin Czuka and Simon Breuss
- The Matter of Environmental Noise Management Models 1840
Zanda Krükle and Rūta Bendere
- Subjective evaluation and psychoacoustic analysis of the sound quality of low-noise asphalt on motorways in North-Rhine Westphalia 1844
Michaela Kärst, Jochen Steffens, Sabrina Skoda and Jörg Becker-Schweitzer

Thursday, 21 March 2013

Environmental noise: Noise mapping

- Strategic Noise Maps for the City of Vienna - Problems and required improvements 1847
Werner Talasch
- 2002/49/EC Railway Noise Maps Update: Approach, Validation, Improvements 1850
Andrea Cerniglia, Antonella Volta, Morena Giani, Paolo Pezzoli and Mariagiovanna Lenti
- Embedded Parks in Quiet Zones - Results of the CityHush Project 1854
Markus Petz and Agnes Fabian
- Modeling L_A(C-A) Indicator for Noise Quality Evaluation 1858
Elena Ascari, Mauro Cerchiai and Gaetano Licitra
- Qualitätsgesicherte Lärmkartographie - Teil 1: Georeferenzierung 1862
Frank Hammelmann, Karl-Wilhelm Hirsch and Berthold Vogelsang
- Feasibility of automatic noise source recognition in collaborative wireless sensor networks 1864
Xavier Valero, Luca Nencini, Francesc Alías and Bruna Vinci
- Influence of vertical temperature gradients on outdoor sound propagation in a narrow valley 1868
Michel Vuillermoz, Filippo Berlier, Marco Cappio Borlino, Daniele Crea, Christian Tartin and Christian Tibone

Thursday, 21 March 2013

Experience with the ISO 10052

- Experiments for Searching the Optimal Positions to Determine Reverberation and Level in Rooms 1872
Henning Alpehi, Max Koch and Robert Mettin
- Comparison Between Field Measurements Methods of Acoustic Performances of Buildings 1876
Chiara Martina Pontarollo and Antonino Di Bella
- Interlaboratory Test for Field Evaluation of Noise from Equipment in Residential Buildings 1880
Antonino Di Bella, Chiara Martina Pontarollo, Nicola Granzotto and Francesca Remigi

Thursday, 21 March 2013

Flow acoustics

- Analysis of Flow-Induced Noise at a Simplified Car Model Depending on Various Setup Parameters 1884
Stefan Müller, Christoph Gabriel, Frank Ullrich, Reinhard Lerch and Stefan Becker
- Design and implementation of an aeroacoustic model-scale propeller test stand 1888
Thomas Geyer and Ennes Sarradj
- Zonal LES for axial fan broadband noise prediction: Part 1 - Experimental Study 1892
Alessandro Zanon, Michele De Gennaro, Helmut Kuehnelt and Domenico Caridi
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Ryan McKinlay and John Pearse
- Aeroacoustical Investigations of Skewed Axial Fans for Automotive Cooling Systems 1900
Mohamed Zayani, Saban Caglar and Martin Gabi
- The flow over a cylinder-plate-configuration: FSI-Simulation of the hysteresis-effect and conclusions for the acoustic phenomenon 1904
Robert Heinze and Frank Kameier
- Noise Control on Flap Side Edge 1908
Johann Reichenberger and Michaela Herr
- Sensitivity Study of the Sound Radiation of Aircraft Engine Compressors According to Different Inlet Conditions 1910
Sina Witthaus, Michael Bartelt and Joerg R Seume

Thursday, 21 March 2013

Microphone arrays for aeroacoustics

- Microphone Array Technology for Enhanced Sound Source Localisation in Cabins 1914
Judith Kokavecz and Carsten Spehr
- The Current Understanding of the Spectral Broadening Effect by Turbulent Shear Layers 1918
Stefan Kröber, Marius Hellmold and Lars Koop
- Microphone-Array Measurements in Cryogenic/Pressurized Wind Tunnels 1922
Thomas Ahlefeldt, Carsten Spehr, Stefan Kröber and Jürgen Quest
- Covariance Matrix Fitting for Aeroacoustic Application 1926
Gert Herold, Ennes Sarradj and Thomas Geyer
- In-Flight determination of acoustic and hydrodynamic pressure fluctuations 1929
Stefan Haxter and Carsten Spehr

Thursday, 21 March 2013

Noise control for machinery and domestic environment

- Numerical Investigation of Aeroacoustic Sound Sources in Encapsulated Helicopter Tail Rotor 1933
Jae Hun You and Christian Breitsamter
- Psychoacoustic Aspects of Helicopter Sounds 1937
Hugo Fastl, Jakob Putner, Jae Hun You, Christian Breitsamter and Philipp Krämer
- Computation of Vibro-Acoustic Response in Production Vehicles caused by Aerodynamic Loads at Low Frequencies 1941
Andreas Businger and Reinhard Lerch
- Investigations on Spatial Coherence of Surface Pressure in the Wake of a Car's Side Mirror 1945
Christoph Gabriel, Stefan Müller, Frank Ullrich and Reinhard Lerch

Influence of Edge Geometry of Automotive Body Gaps on the Interior Noise <i>Stefan Schimmelpfennig and Reinhard Lerch</i>	1949
Influence of Various Parameters on the Noise Emission of Air-Cooled Systems with Forced Convection <i>Sven Muensterjohann, Stefan Becker, Jens Grabinger, Stefan Ullrich and Sebastian Weiß</i>	1953
System for Spatially Resolved Sound Field Measurements <i>Peter Horn, Jochen Metzger, Michael Wüst and Reinhard Lerch</i>	1957

Thursday, 21 March 2013

Noise protection at home

Schallschutz im eigenen Wohnbereich für den Holzbau / Noise protection standard in the own living space for timber construction <i>Roland Kurz and Dieter Groß</i>	1961
Typological Analysis and Statistical Evaluation of Laboratory Measurements of Sound Reduction of Building Elements <i>Cora Pavarin, Nicola Granzotto and Antonino Di Bella</i>	1963
Sound insulation of internal pedestrian doors <i>Bernd Sass</i>	1967
Sound Transmission between Rooms - Effect of Air Inlets and Outlets <i>Karlheinz Bay, Philip Leistner and Peter Brandstät</i>	1969
Analysis of noise by waste water in residential buildings <i>Roberto Bianucci, Giovanni Bonansegni and Gianpiero Majandi</i>	1973
Installation Walls made of Gypsum Blocks and Plasterboard - Installationswände aus Gips-Wandbauplatten und Gipsplatten <i>Andreas Ruff and Heinz-Martin Fischer</i>	1977
Integrated Vibro-Acoustical Design Optimization of Multi-storey Buildings <i>Andreas Rabold, Stefan Kollmannsberger and Ernst Rank</i>	1981

Thursday, 21 March 2013

Numerical acoustics 4

Development of approximate calculation rules for the acoustical effect of noise barrier tops <i>Matthias Weber and Olgierd Zaleski</i>	1983
Numerical computation and experimental verification of the emitted sound power of a vibrating baffled piston into a hemi-anechoic room <i>Martin Schmelzer, Volker Wittstock and Christian Bethke</i>	1987
PML Implementation for the TLM Propagation Model in acoustics <i>Pierre ChobEAU, David Ecotière, Guillaume Dutilleux and Judicaël Picaut</i>	1991
Speed up of 3D-Acoustics in frequency domain by the Fast Multipole Method in combination with Krylov Subspace Recycling based iterative solvers <i>Sören Keuchel, Jan Biermann, Malte Gehlken and Otto Von Estorff</i>	1995

Thursday, 21 March 2013

Otoacoustic emissions and cochlear modeling

Assessment of the human ear's non-linear amplification process by means of distortion product oto-acoustic emissions <i>Thomas Janssen</i>	1999
Probing the nonlinear cochlear amplifier with Otoacoustic Emissions <i>Renata Sisto, Arturo Moleti and Teresa Botti</i>	2003

Optimal Primary-Level and Primary-Frequency Ratios for the Measurement of Distortion Component Otoacoustic Emissions <i>Manfred Mauermann</i>	2005
Cochlear psychoacoustics - a modeling approach <i>Bastian Epp</i>	2009
Numerical simulations of the Transient-evoked Otoacoustic response <i>Arturo Moleti, Adnan Mohsin Al Maamury, Daniele Bertaccini, Teresa Botti and Renata Sisto</i>	2012
A Comparison of Spectro-temporal Representations of Audio Signals <i>Peter Van Hengel</i>	2014

Thursday, 21 March 2013

Recent advances on sound and vibration active control 2

Development of Piezoelectric Inertial Actuators for the Reduction of Vibrations in a Car Body <i>Tobias Röglin, Torsten Bartel, Stefano Breda, Samuel Gaisbauer, Dirk Mayer and Jonathan Millitzer</i>	2018
Application of active and semi-passive control strategies at a double glazing window <i>Oliver Heuss, Tim Bastian Klaus, Christian Thyges and Jacqueline Rausch</i>	2022
Global Active Control with the Help of local Noise Control Treatments in the Transmission Path - A Comparison <i>Uli Krause and Delf Sachau</i>	2026
Outlet Versus Interior Feed-Forward Active Noise Control for Ventilation Ducts <i>Jens Rohlfing and Paolo Gardonio</i>	2028
Active Control of Counter Rotating Open Rotor Interior Noise <i>Thomas Haase, Malte Misol, Stephan Algermissen and Hans Peter Monner</i>	2032
Sensitivity-Study of a Noise-Reduction System for Airplanes <i>Uli Krause, Jonas Hanselka, Delf Sachau and Martin Wandel</i>	2036

Thursday, 21 March 2013

Robust speech recognition

Detection of voiced segments in noisy speech as step towards a new robust recognition scheme <i>Andreas Kitzig, Frank Kremer and Hans-Günter Hirsch</i>	2038
Binaural Scene Analysis and Automatic Speech Recognition <i>Constantin Spille, Mathias Dietz, Volker Hohmann and Bernd Meyer</i>	2042
SVM-Based Preprocessing for Automatic Speech Recognition <i>Hendrik Meutzner, Sarmad Malik and Dorothea Kolossa</i>	2045
A German distant speech recognizer based on 3D beamforming and harmonic missing data mask <i>Juan Andres Morales Cordovilla, Hannes Pessentheiner, Martin Hagmüller, Pejman Mowlae, Franz Pernkopf and Gernot Kubin</i>	2049
Model Based Distribution Equalization Applied on Spectro-Temporal Speech Features <i>Samuel Kevin Ngouoko Mbounqueng, Martin Heckmann and Britta Wrede</i>	2053
Stepwise Integration of Auditory Principles in Robust Automatic Speech Recognition Systems <i>Marc René Schädler and Birger Kollmeier</i>	2055
New Results on Automatic Speech Recognition in Extremely Reverberant Environments <i>Christian Hofmann, Armin Sehr, Soyuj Sahoo, Roland Maas and Walter Kellermann</i>	2059
The EML Transcription Platform - a flexible transcription environment for robust speech recognition <i>Volker Fischer and Siegfried Kunzmann</i>	2063

Thursday, 21 March 2013

Room acoustics 2

- Measurement Uncertainties of Reverberation Time caused by Noise 2067
Martin Guski and Michael Vorländer
- Can we use the standard deviation of the reverberation time to describe diffusion in a reverberation chamber? 2071
Martijn Vercammen and Margriet Lautenbach
- Ray tracing-based verification of Joyce Reverberation Equation for Enclosures of Different Shape 2075
Davide Bonsi
- Room Impulse Response Measurements in Ten Churches of Rome: Hörsamkeit, Intelligibility and Possible Suitable Positions for Performances of Church Music 2079
Klaus-Hendrik Lorenz-Kierakiewitz and Jobst P. Fricke
- NURBS and Mesh geometry in Room Acoustic Ray-tracing Simulation 2083
Tomás Méndez Echenagucia, Arianna Astolfi, Mario Sassone, Louena Shtrepi and Arthur Van Der Harten
- Comparison of different modelling strategies to predict the spatial fluctuation of room acoustic single number quantities 2087
Ingo Witew, Pascal Dietrich, Sönke Pelzer and Michael Vorländer
- Computer Simulation Of The Acoustics Of The Ear Of Dionysius (Syracuse-Italy) In Order To Evaluate Objective Descriptors Of Speech Intelligibility 2090
Gino Iannace, Elvira Ianniello and Amelia Trematerra
- The adaptation of a recording studio for a performance room, using multiple position room response equalization 2094
Adrian Calin Farcas and Marina Topa
- Functional soundscape, outdoors and indoors 2098
Evert De Ruiter
- Room Acoustic Design for a 'Plus Energy' Primary School 2102
Detlef Hennings
- The Gustav-Mahler-Concert-Hall of the Kulturzentrum Grand Hotel Toblach 2106
Dorothea Baumann and Christina Niederstaetter
- Sound Radiation from Stage in Theatres of Cesenatico and Longiano 2109
Federica Morandi, Dario D'Orazio, Simona De Cesaris, Luca Barbaresi and Massimo Garai
- Concept for graduation of office rooms in draft VDI 2569 2113
Elmar Schröder
- Effective Course Design in Practical Room Acoustics for Students of Musicology: Conception, Didactics, Procedure 2116
Klaus-Hendrik Lorenz-Kierakiewitz, Christoph Reuter, Olivia Vrabl and Jörg Mühlhans

Thursday, 21 March 2013

Sandwich materials

- Implementation of a software for the prediction of the sound transmission loss of sandwich structures 2120
Edoardo Alessio Piana and Anders Nilsson
- Determination of the sound transmission loss for sandwich panels by using point mobility measurements 2124
Anna Marchesini, Paola Milani and Edoardo Alessio Piana
- Towards the Validation of a Simple Test Procedure to Determine the Sound Transmission Loss of Precast Panels 2128
Paola Milani, Anna Marchesini and Edoardo Alessio Piana

Thursday, 21 March 2013

Signal processing

- Application of Scattering Nearfield Holography to In-Situ Measurements of Sound Absorption 2132
Markus Müller-Trapet, Martin Pollow and Michael Vorländer
- Auto Adaptive Periodic Noise Cancelling 2136
Martin Walzer and Dieter Kraus
- Improving speech intelligibility in background noise by SII-dependent amplification and compression 2140
Henning Schepker, Jan Rannies and Simon Doclo
- Real-time steerable directional sound sources 2144
Arthur Berkhoff and Raymond Van Der Rots
- Sound Field Classification in Small Microphone Arrays 2148
Roman Scharrer and Janina Fels

Thursday, 21 March 2013

Soundscaping: Creating and designing

- Traffic resistance of low-density residential areas in context of urban morphology 2152
Yiyiing Hao and Jian Kang
- Modeling the Soundscape Quality in Urban Spaces 2156
Giovanni Brambilla, Maria Di Gabriele, Veronica Gallo and Luigi Maffei
- Sound Design Education in Interaction Design at Zurich University of the Arts: Enabling Sound Thinking for Sound Design 2160
Daniel Hug
- Tuning the historical city of Antwerp, to code and re-code places. 2164
Maria Leus, Marleen Arckens and Tess De Weerd
- Soundscape within the strategy of Bilbao city to improve Quality of Public Spaces 2168
Itziar Aspuru, Maite Fernandez, Igone García and Karmele Herranz
- Modelling spatial distribution of wind turbine noise in sub-urban environments 2172
Fei Qu and Jian Kang

Thursday, 21 March 2013

Soundscaping: Outreaching and training

- Soundscape Classification: The Case Study Of Some English Historical Urban Centers 2176
Maria Di Gabriele and Veronica Gallo
- The Study of Soundscape - COST Training School 2012 on 'Measurement, Analysis and Evaluation of Soundscapes' 2180
Karlo Filipan, Luca Nencini, Fabio Kaiser, Laura Estévez Mauriz, Luca Fredianelli, Luca Cassina, Dunja Porupski, Marco Chetoni, André Fiebig, Klaus Genuit and Brigitte Schulte-Fortkamp
- Voice of the City - An International Educational Action with Guided Sound Exploration. 2184
Andreas Drechsler, Oliver Graber, Hans-Peter Meier-Dallach and Marion Hermann-Röttgen
- Using body language indicators for assessing the effects of soundscape quality on individuals 2187
Harry Witchel, Lisa Lavia, Carina Westling, Aoife Healy, Rob Needham and Nachiappan Chockalingam
- Developing an acoustic pleasantness rating for household appliances and small machines to improve soundscape quality in the built environment 2191
Lisa Lavia, Gloria Elliott, Klaus Genuit, André Fiebig and Mike Goldsmith

Thursday, 21 March 2013

Speech processing

- Influence of top-down linguistic semantic processing abilities on temporal and spatial processing of a single speech reflection 2195
Anna Warzybok, Jan Rannies, Thomas Brand and Birger Kollmeier
- The Comparison of Vowel Space in Infant-Directed Speech and Read Speech 2198
Jayanthiny Kangatharan, Maria Uther and Fernand Gobet
- The Influence of high-frequency Envelope Cues on Vowel Identification in low-pass filtered Speech 2202
Wiebke Schubotz, Thomas Brand, Birger Kollmeier and Stephan D. Ewert
- Speech Enhancement Based on Formants Estimation 2206
Ingo Schalk-Schupp, Mohamed Krini, Markus Buck and Andreas Wendemuth
- The influence of dynamic binaural cues on speech intelligibility 2209
Jan Heeren, Giso Grimm and Volker Hohmann

Thursday, 21 March 2013

Structure-borne sound and vibration 2

- Determination Of Coupling Loss Factor For Plates Coupled In Right Angle To Form Welded, Riveted And Bolted Joint. 2212
Vinayak Patil and Dhanesh N. Manik
- Design and Operation of an Acoustic System for Traveling Wave Excitation 2216
Christopher E Meinzer, Oliver Freund and Joerg R Seume
- Experimental Investigations into the Acoustic Black Hole Effect and its Applications for Reduction of Flexural Vibrations and Structure-Borne Sound 2220
Elizabeth Bowyer and Victor Krylov
- Data transfer between OEM and supplier: Annotations to the use of operational data amongst different parties 2224
Markus Bauer
- Approximate Description of Structure-borne Sound Sources with Continuous Line-shaped Contact Interfaces 2227
Sebastian Mathiowetz and Hannes Bonhoff
- Evaluation of Structural Sound Path Modification Methods for the Reduction of Structure-Borne Sound Transmission in Aircraft Fuselage Structures 2231
Felix Langfeldt, Fabian Timmo Seebo, Wolfgang Gleine and Otto Von Estorff
- Estimating structure borne sound radiation by the kinetic energy 2235
Matthias Klaerner, Steffen Marburg and Lothar Kroll
- Transfer Path Analysis of Multi-Structure Acoustic Systems Using a Simplified Measurement Object 2239
Samira Mohamady, Markus Müller-Trapet and Michael Vorländer
- Model updating of a fuselage structure by using metaheuristic methods 2242
Simon Stahl and Otto Von Estorff
- Interpretation of velocity orders in the discretized formulation of interface mobilities 2246
Agnes Sayer and Hannes Bonhoff

Thursday, 21 March 2013

Thermoacoustics

- Brief Review of Modern Tools for the analysis of Thermoacoustic Instability in Rijke type Burners 2250
Sathesh Mariappan and R I Sujith
- Analytical Modelling of the Dissipation and Dispersion of Entropy Waves in Combustor Thermoacoustics 2254
Aimee Morgans and Chee Su Goh
- Influence of Vortical Disturbances on Flame-Acoustics Interactions 2258
Raphael Assier and Xuesong Wu
- Investigation of the causes of limit cycle saturation using a G-Equation model in the case of a laminar anchored flame in a simple combustor 2262
Charles Luzzato and Aimee Morgans
- A limit cycle for pressure oscillations in a premix burner 2266
Andrea Di Vita, F Baccino and E Cosatto
- Analytical model of nonlinear thermo-acoustic effects in a matrix burner 2270
Maria Heckl
- Validation of CFD Simulation of a Thermoacoustic Device 2274
Mohamed Zouhir Dar Ramdane, Tobias Holzinger and Wolfgang Polifke
- Marginal condition for the onset of thermoacoustic piezo system oscillations with variable impedance and subject to variable temperature gradient 2278
Roberto Baccoli, Paolo Giuseppe Mura, Roberto Innamorati and Amr Baz

Thursday, 21 March 2013

Transport noise

- Quality Traffic Data for a Sound Calculation 2282
Thorsten Kathmann, Hartmut Ziegler and Martin Pozybill
- Lärmmessung mit Leitpfostenzählgeräten 2286
Christian Fend and Martin Pozybill
- On the Linearity of Road Traffic Noise Source 2289
Claudio Guarnaccia and Joseph Quartieri
- Application of Neural Networks for Calculation of Intensity of Traffic Noise Sources 2293
Zoran Petrovic, Marina Pljakic and Jelena Tomic
- Noise mapping and Action plan realization within LIFE+'NADIA' project 2297
Francesco Asdrubali, Samuele Schiavoni, Francesco D'Alessandro and Andrea Presciutti
- Mitigation of the Diffraction of Noise Barriers 2301
Michael Chudalla
- German Airport Noise Surcharges - Method of Calculation and Effects 2303
Kristin Hübner and Kai Johannsen
- Assessment of Aircraft Noise over the Years 2306
Berthold Vogelsang and Dietrich Kühner
- Akustische Ausbildung von Stationen im Wiener U-Bahn-Netz 2309
Verena Dreitler, Günther Achs and Andreas Oberhauser
- Railway noise measurements during a six-day observing period in the German Middle Rhine valley 2312
Arthur Schady, Dietrich Heimann and Joseph Feng

Thursday, 21 March 2013

Tyre/road noise 2

- Optimization of the tire/road noise for C3 drive axle tires in regional application: status of the project 2314
Lars Schnieders
- Tyre/Road Noise Reduction at Trucks and Vans with LWRT Underbody Panels 2318
Klaus Pfaffelhuber, Frank Uhl and Carsten Riewe
- Experimental and Numerical Analyses of the Rotating Tire Dynamic Behavior 2322
Peter Kindt, Cristobal Gonzalez Diaz, Stijn Vercammen, Christophe Thiry, Jason Middelberg, Jan Leyssens and Roland Close
- Tire-Road Noise - Experimental Component Investigation of the Structural Dynamic Behaviour of the Rim 2326
Eskil Lindberg and Peter Göransson

Thursday, 21 March 2013

Underwater noise due to construction and operation of offshore structures

- The German Bight underwater soundscape - a focus on wind farm construction noise 2330
Andrea Luebben, Thomas Neumann and Joachim Gabriel
- On the prediction of pile driving noise over long ranges 2333
Tristan Lippert, Marcel Ruhnau, Kristof Heitmann, Stephan Lippert and Otto Von Estorff
- Measurements of Underwater Sound at the Offshore Wind Farms Borkum West II and alpha ventus 2337
Frank Gerdes, Jan Abshagen, Carsten Zerbs, Oliver Zürn and Andreas Müller
- Underwater Pile Driving Noise Reduction by Air Filled Balloons and PE-Foam Elements as Hydro Sound Dampers 2341
Karl-Heinz Elmer

Thursday, 21 March 2013

Virtual acoustics 3

- Modal Sound Field Decomposition Applicable for a Limited Range of Directions 2345
Hannes Pomberger and Franz Zotter
- A Virtual Endfire Loudspeaker Array for the Generation of Sound Beams 2349
Sascha Spors and Hagen Wierstorf
- Modal Aliasing in Wave Field Synthesis of Directional Sound Sources 2352
Christoph Sladeczek, Albert Zhykhar and Andreas Franck
- Construction of an Auralization Laboratory Based on Multichannel Loudspeaker System 2356
Marko Horvat, Kristian Jambrošić and Hrvoje Domitrović
- On the Influence of Loudspeaker and Microphone Array Geometries on the Limits of Listening Room Equalization in a Spatial Continuum 2360
Martin Schneider and Walter Kellermann
- Sound Field Reproduction Applying Stochastic Secondary Sources 2364
Gergely Firtha and Peter Fiala
- Comparison of energy-preserving and all-round Ambisonic decoders 2368
Franz Zotter, Matthias Frank and Hannes Pomberger
- Derivation of IIR prefilters for soundfield synthesis using linear secondary source distributions 2372
Frank Schultz, Vera Erbes, Sascha Spors and Stefan Weinzierl

Localization in Wave Field Synthesis and Higher Order Ambisonics at different positions within the listening area <i>Hagen Wierstorf, Alexander Raake and Sascha Spors</i>	2376
Ventriloquism Effect in Wave Field Synthesis: Aspects of Direction and Distance <i>Florian Völk, Ulrich Mühlbauer and Hugo Fastl</i>	2380
”Urban Sounds”: an acoustical tour of Parma <i>Andrea Capra, Angelo Farina and Francesco Grani</i>	2384
Validation of a Virtual Sound Environment System for Hearing Aid Testing <i>Jens Cubick, Sylvain Favrot, Pauli Minnaar and Torsten Dau</i>	2388
Auralizations for Planning of Office Premises <i>Sebastian Goossens, Roman Stumpner, Michael Weitnauer and Georg Brockt</i>	2391
Latency evaluation of face-tracking systems <i>Wolfgang Hess</i>	2395