



Social events

Wednesday ^{25th}

17:00 – 19:00 Welcome Drink

Thursday ^{26th}

18:20 – open end Concert Le Spin Ovale

http://www.lespinovale.de

Friday ^{27th}

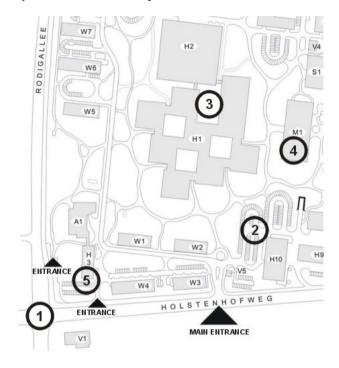
19:00 – open end Harbour trip & buffet

Important contact numbers

Hospital Wandsbek	0 40 - 65 76-0	tel
Taxi	0 40 - 44 10 11 0 40 - 66 66 66 0 40 - 21 12 11	tel tel tel
HVV travel agency	0 40 – 1 94 49	tel
Airport	0 40 - 50 75 - 0 0 40 - 50 75 - 12 34	tel fax
Conference Secretariat	0 40 - 65 41 23 31 0 40 - 65 41 28 22	tel fax
Department of Signal Processing and Communications	0 40 – 65 41 23 29	tel
Ahlvers	+49-173-9 91 45 96	tel
Keiler	+49-179-6 76 29 49	tel

Map of venue

Campus of the University of the Federal Armed Forces



- 1 BUS STOP
- 2 PARKING AREA
- MAIN UNIVERSITY BUILDING
- 4 CONFERENCE LOCATION AND CAFETERIA
- DEPT. OF SIGNAL PROCESSING (H3)

Buses no. 10, 163 & 261 (area 1 on map) between University and the bus station "Wandsbek Markt" every 5 minutes. Then subway "U1" to city centre. Direct connection to city center: take bus no. 35 from the University (area 1 on map) to the central station and city centre.



5th International Conference on

Digital Audio Effects DAFx-02



September 26 - 28, 2002

Conference Programme

Thursday ^{26th}



Friday ^{27th}



Pside President of the University Pside Invited Speaker: Prof. Phillipo Depalle "Spectral Representation and Spectral Modelling for Sound Synthesis and Processing"
Synthesis and Processing" 9:20 David Darlington "Digital Audio Effects in the Wavelet Domain" 9:30 David Darlington "Digital Audio Effects in the Wavelet Domain" 10:00 Julius Smith "Doppler Simulation and the Leslie" 10:10 Vincent Verfaille "Implementation Strategies for Adaptive Digital Audio Effects" 10:40 Coffee Break Session 2: Sound Analysis 11:00 Christian Spevak "Soundspotter – A Prototype System for Content-based Audio Retrieval" 11:20 Christopher Duxbury "A Hybrid Approach to Musical Note Onset Detection" 11:40 Giuliano Monti "Automatic Polyphonic Piano Note Extraction Using Fuzzy Logic in a Biackboard System" 12:20 Lunch Break Session 3: Sound Analysis 13:40 Florian Keller "Survey on Extraction of Sinusoids in Stationary Sounds" 14:20 Derry FitzGerald "Sub-Band Independent Subspace Analysis for Drum Transcription" 14:40 Harald Viste "An Extension for Source Separation Techniques Avoiding Beats" 15:00 Poster Session 1 15:00 Coffee Break Session 4: Sound Modeling/Synthesis 9:30 Prietro Polotti Inharmonic Sound Spectral Modeling by Means of Physical Model of a Trunper" 10:40 Coffee Break 10:40 Coffee Break Session 3: Sound Analysis 11:40 United Speaker: Albrecht Schneider, Rolf Bader "Musical Instrument Acoustics and Psychoacoustics: Interdependencies between Vibrational Behaviour of Instruments and Perceptual Issues" 12:20 Lunch Break Session 7: Instrument Modeling 14:40 Balázs Bank "On the Nonlinear Communeted Synthesis of the Piano" 14:40 Harald Viste "An Extension for Source Separation Techniques Avoiding Beats" 15:00 Poster Session 1 15:00 Coffee Break Session 4: Sound Modeling/Synthesis
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Session 4: Sound Modeling/Synthesis
16:00 Jame Kounnings "Audio Signal Extrapolation. Theory.
16.00 ISITIO Nauppinen Audio Signal Extrapolation – Theory
and Applications" 16:10 Victor Lazzarini "Audio Signal Processing and Object- oriented Systems"
Rubbed Dry Surfaces Using an Elasto-Plastic Friction Model" 16:30 Joseph Timoney "New SndObj Libary Classes for Sinus-oidal Modelling"
16:40 Stefania Serafin "Modeling Bowl Resonators Using Circular Waveguide Networks" 16:50 Enrique Robledo Arnuncio "A C++ Development Platform for Real Time Audio Processing and Synthesis Applica-
17:00 Matthew Burtner "Real-Time Spatial Processing and Transformations of a Singing Bowl" tions" 17:10 Christian Müller-Tomfelde "Sound Effects for a Silent
17:20 Info DAFx-03 London Computer System"

Saturday ^{28th}



Session 9: Audio Cod	<u>din</u>	g
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9:00	Invited Speaker: Prof. Karlheinz Brandenburg "Audio Coding: Basic techniques and new developments"
9:30	C.M. Liu "A New Criterion and Associated Bit Allocation Method for Current Audio Coding Standards"
9:50	Nikolaus Meine "Fast Sinusoid Synthesis for MPEG-4 HILN Parametric Audio Decoding"
10:10	Mohammed Raad "From Lossy to Lossless Audio Coding Using SPIHT"
10:30	Coffee Break
	Session 10: Psychoacoustics
11:00	Invited Speaker: Prof. Jens Blauert "Human Sound Localization: Some Fundamentals"
11:30	Esben Skovenborg "Measuring Sensory Consonance by Auditory Modelling"
11:50	George Tzanetakis "Human Perception and Computer Extraction of Musical Beat Strength"
12:10	Pierre Dutilleux "Live-Electronics Algorithms in the Multimedia Work "Swim Swan" "