

Admission to the presentations and workshops is free, but on-line registration on the conference web page is requested.  
Concert tickets will cost 5 EUR / 8 EUR.

For further information (travel directions, accomodation, live audio stream addresses etc), please visit the web page at

[www.zkm.de/lac](http://www.zkm.de/lac)

If you have a specific question, please e-mail us at

[lac2006@zkm.de](mailto:lac2006@zkm.de)



The Linux Audio Conference 2006 is supported by



The Linux Audio Conference in Karlsruhe, Germany, is an annual event where notable developers and users from all around the world present free software, current developments and general talks on topics such as Software Sound Synthesis, DSP Algorithms, Sampling, Recording, Composition and more.

Several concerts and a musical event called the "Linux Sound Night" present the practical side of working in the Audio domain under a free and open operating system.

At the conference, the ZKM offers free Internet access (RJ45). Additionally, the presentations will be streamed live to the Internet. All talks will be held in English.

After the presentations, there is enough time for ad-hoc meetings and discussions. Also, special interest groups have the option to use rooms at the ZKM for conversations and demos.

The backside of this flyer contains the current programme, subject to change. For the up to date programme, please see the web page.

#### About ZKM - Institute for Music and Acoustics

As a cultural institution, the Center for Art and Media (ZKM) in Karlsruhe and, in the field of Computer Music, the Institute for Music and Acoustics holds a unique position in the world. It responds to the rapid developments in information technology and today's changing social structures. Its work combines production and research, exhibitions and events, coordination and documentation.

#### About LAD

"Linux Audio Developers" (or LAD for short) has its roots in a mailing list serving as a meeting point for developers and users of free and open audio and music software. Today it has become a synonym for Linux Audio subjects of all kinds, including events like this or an appearance at the "LinuxTag", Europe's largest expo on Linux matters. The LAD homepage is at <http://www.linuxdj.com/audio/lad>.

4th International

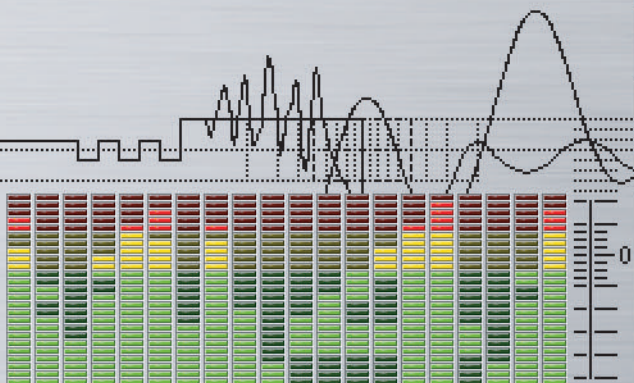
**Linux Audio Conference**

Lectures - Demos - Workshops  
Concerts - Linux Sound Night

**April 27-30, 2006**

ZKM | Center for Art  
and Media Karlsruhe,  
Germany

[www.zkm.de/lac](http://www.zkm.de/lac)



**Thursday 27 April 2006**

**Friday 28 April 2006**

**Saturday 29 April 2006**

**Sunday 30 April 2006**

**11:00** *Victor Lazzarini*  
Keynote

**11:30**

**12:00** *Fons Adriaensen*  
Acoustical Impulse Response Measurement with ALIKI

**13:00** Lunch break

**14:00** *Arthur Clay and Thomas Frey*  
Unbound: The GoingPublik Software

**15:00** *Lee Revell*  
Realtime Audio vs. Linux 2.6

**16:00** *Asbjørn Sæbø and Peter Svensson*  
A Low-Latency Full-Duplex Audio over IP Streamer

**17:00** *Marije Baalman*  
swonder3Dq: software for auralisation of 3D objects with Wave Field Synthesis

*Yann Orlarey, Albert Gräf and Stefan Kersten*  
DSP Programming with Faust, Q and SuperCollider

*Georg Bönn*  
Marching protest with granular synthesis: On the making of 'Genova VII 2001' ("Composer's Talk")

Lunch break

*Agostino Di Scipio*  
Using PD for Live Interactions in Sound. An Exploratory Approach ("Composer's Talk")

Workshops

For the detailed program visit  
<http://fac.zkm.de/2006/workshops.shtml>

*Fons Adriaensen*  
Design of a Convolution Engine optimised for Reverb

*Andreas Krach and Martin Rumori*  
asciimatrix (Demo)

*Darwin M. Johnsson*  
Banjos Hip-Hop & Linux: A Technical and Cultural Trifecta (Demo)

*Josh Green*  
Sampled Waveforms And Musical Instruments

*Stefan Westerfeld and Tim Janik*  
BEAST (Demo)

Lunch break

*Frank Barknecht*  
128 Is Not Enough - Data Structures in Pure Data

*Eric Lyon*  
A Sample Accurate Triggering System for Pd and Max/MSP

*Daniel James and Free Ekanayaka*  
64 Studio - creative and native

*Victor Lazzarini*  
Scripting Csound 5

Workshops

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*Hartmut Noack*  
Linux and music out of the box

*Ivica Ico Bukvic*  
Linuxaudio.org – Who, What & Why?

*Martin Rumori*  
footils. Using the foo Sound Synthesis System as an Audio Scripting Language

Lunch break

*Jürgen Reuter*  
Ontological Processing of Sound Resources

Presentation of Workshop results

**20:00** **Opening Concert - ZKM\_Kubus**  
*Georg Bönn*: Genua VII 2001  
*Eric Lyon*: Trajectories  
*YongJoon Yang*: breath  
*Massimo Fragalà*: Movimenti  
*Olaf Hochherz*: Nachher halt  
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*Victor Lazzarini*: Mouvements  
*Jan Jacob Hofmann*: Horizontal and Vertical Lines  
*Agostino Di Scipio*: Modes of Interference (*Marco Blaauw, Trumpet*)

**20:00** **Open Source Sounds ZKM\_Kubus**  
*Panayiotis Kokoras*: Response  
*Florian Zwissler*: Doppelbrunn  
*Victor Lazzarini*: Time-Lines Ia (*Jürgen Ruck, Guitar*)  
*Orm Finnendahl*: Fälschung (*Helios-Quartett*)  
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*Ludger Brümmer*: Repetitions  
*MTG/Barcelona*: reacTable

**22:00** **Linux Sound Night - ZKM\_Musikbalkon**  
*YUE*  
*Frank Rübler*  
*JackLab* (*Michael Bohle, Sören Heidrich, Wilken Bösch*)  
*JP Mercury*  
*Daniel James*  
*Frank Barknecht*

---:-- **plug & chill**  
The Linux Jam Night