

PRESS RELEASE

FOR IMMEDIATE RELEASE
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Ahnert Feistel Media Group Explains EASE SpeakerLab at InfoComm

- *Dr. Wolfgang Ahnert of Ahnert Feistel Media Group (AFMG) will conduct a SpeakerLab / GLL Training Session at InfoComm 2007, Wednesday June 20 from 10:00 AM to 12:00 noon in the Laguna A Room at the Anaheim Hilton.*

Berlin, Germany – Ahnert Feistel Media Group, developers of EASE and EASERA, developed the Generic Loudspeaker Library (GLL) data format to facilitate accurate simulation of complex, highly integrated sound sources such as loudspeaker clusters, column loudspeakers or line arrays. GLL data includes mechanical, electronic and acoustic properties of modern loudspeaker systems.

Acoustical properties can be calculated in EASE SpeakerLab directly from impulse responses or transfer functions and stored in the GLL Format. They can also be specified as fractional-octave data. Splay angles, weights, flying frames and other mechanical specifications can be included as well. A complete set of filter functions describes all IIR (Infinite Impulse Response) and FIR (Finite Impulse Response) filters used in active and passive systems.

Dr. Wolfgang Ahnert of AFMG will conduct a special training session at InfoComm 2007 to familiarize loudspeaker engineers with the GLL data format as well as with EASE SpeakerLab, a new software tool developed by AFMG. EASE SpeakerLab imports and exports GLL data and includes powerful analysis functions. SpeakerLab functions as an EASE module, enabling loudspeaker designers and sound system designers to exchange high-resolution data on complex loudspeaker systems. This powerful new software tool is designed for:

- EASE 4.x users who are designing sound systems that include line arrays, loudspeaker clusters or multi-way systems
- Loudspeaker developers who want to simulate multi-driver interaction as part of the design process, and provide high-resolution EASE data on the final product
- DSP / EQ manufacturers who want to interface with EASE, and to exchange filter configurations for specific loudspeaker systems with EASE users.

The training session will take place on Wednesday June 20, from 10:00 AM to 12:00 noon in the Laguna A Room at the Anaheim Hilton. Topics Include:

Conception and development of software for

- Scientific and Technical Applications, especially in Acoustics, Architecture, Media-, Lighting- and Stage Technology
- Administration, Planning, Systems

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- The GLL format
- Importance of complex data, resolution and accuracy requirements
- GLL data entry and analysis in EASE SpeakerLab, including
 - Acoustic Directivity Data
 - Power Handling
 - IIR and FIR Filters
 - Mechanical Configuration
 - Active / Passive Systems
 - Line Arrays, Clusters, Multi-Way Loudspeakers
- Data presentation and system directivity calculation utilizing GLL Viewer
- Use of GLLs in EASE 4.2 to facilitate sophisticated simulations of complex sound systems
- Recommended measuring procedures and conditions
- Exchange formats for mechanical data, filter data and system configuration

Headquartered in Berlin, Germany, Software Design Ahnert GmbH develops scientific and technical software for acoustics, architecture, lighting and stage design. SDA is a worldwide leader in professional audio software, having developed the manufacturer-independent aiming software EASE Focus, the industry-standard EASE electro-acoustic design and analysis software suite (in cooperation with Acoustic Design Ahnert) as well as EASERA software for comprehensive acoustic and electronic measurements.

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