



Munich, Germany 1999 May 08-11

CHAIRMAN'S WELCOME

Dear Audio Friends,

Students

Contacts

Following a two-year interval, the Audio Engineering Society has once again chosen Munich for its 106th AES Convention! Here, from May 8 to 11, 1999, Europe s largest convention and trade fair for professional audio technology took place. Visitors were presented with over 300 exhibitors, approximately 130 professional lectures, 14 workshops and various panel discussions with student participation. The Organising Committee also offered a wide range of special events which highlighted the economical and cultural importance of Munich. The 1999 media year will be forged by important decisions for broadcasters and studios, for audio professionals and politicians, for engineers, scientists, marketing strategists � and last but not least � for our listeners and customers! The latest developments in audio technology at the end of this millennium were presented in all their grandeur filling the four halls of the MOC. Here the door to the future will swing wide open. Information is knowledge! Reserve sufficient time for this significant event. After attending the AES you will be well informed for the next millennium!

Martin W�hr, Convention Chairman

INTRODUCTION

This Preliminary Program was designed to help you plan your trip to the 106th AES Convention. This year s convention program was one of the most intensive of any AES convention: more than 130 technical papers, 14 workshops, 14 technical tours, the education fair, and the education forum, technical and standards committee meetings, plus several social events and activities. A record number of exhibitors about 300 gathered under one roof in the Munich Congress Center (MOC) for the largest exhibition of professional audio technology and equipment in Europe.

Convention Calendar

All dates and times for the Preliminary Convention Program and Exhibition hours can be found on the <u>Convention Calendar</u>.

CONVENTION INFORMATION

Exhibition

The Exhibition Floor is located in all four halls of the ground level of the MOC. Demo rooms, work-shops, papers, and special event facilities (Rooms K1- K4) are conveniently located nearby. <u>See exhibitors listing</u>).

AES Membership

The difference between the full program registration fee for non-members versus AES-members equals the AES membership fee for the year 1999 (130 DEM and 70 DEM for Students). This membership fee includes subscription to the AES Journal (10 issues per year) and lower rates for convention registration and AES publications. If you wish to become a member, please contact the Audio Engineering Society.

Opening Ceremony

Saturday, May 08, 11:00-12:00 h, Room K 3 Keynote speaker: Lorin Maazel

The Convention began with the Opening Ceremony where the AES-Awards were presented to the awardees. This ceremony was the opportunity for the Society to honor those who have made significant contributions to the field of audio.

The keynote speaker was the famous conductor Lorin Maazel. With his triple talent as conductor, composer and violinist he is today on the zenith of his career. In his youth, he conducted nearly all great orchestras in Canada and the U.S.A;. In 1965 he became Musikdirektor of the Deutsche Oper Berlin and the Radio Symphonie Orchester Berlin, later the Cleveland Orchstra, the Wiener Staatsoper, the Wiener Philharmoniker and in 1988 the Pittsburg Symphony Orchestra. Since 1993, Lorin Maazel is chief conductor of the Symphonie Orchester des Bayerischen Rund-funks. He is also a music ambassador for UNICEF, UNESCO and WWF.

Technical Committee Meetings

The Technical Committees, coordinated by the AES Technical Council, track trends in the audio world in order to recommend to the Society special papers sessions, standards projects, publications and awards in their respective fields. The TC meetings were open to all conventions registrants.

Technical Open House Reception

Sunday, May 09, 17:00-19:00 h, Conf. Room K4 Keynote speaker: Dr. Henning Wilkens, Director, IRT, Munich.

Presented by the AES Technical Council and Technical Committees

All interested AES members attending the convention were invited to join the company of members of the AES Technical Council and its eleven Technical Committees. Learn about what these groups are doing to further define the technical direction of the AES. Chat with the experts, voice your ideas, and get actively involved. You will find a Technical Committee close to your interests. A tasteful appetizer of live music, conversation, wine, and light food were provided. Keynote speaker, Dr. Henning Wilkens, Director of IRT in Munich, provided a European perspective on technical developments embracing the world.

Education/Student Activities

An education fair and forum and other student activities were scheduled for the benefit of those particpants who wanted to get information on schools, colleges and institutes providing courses in the audio field. See the list of <u>special events</u>. Technical Papers Sessions and Workshops Papers were held as shown on the time table on the <u>Convention</u> <u>Calendar</u>. Every paper lasted 30 minutes. A complete listing of all paper session and workshop titles is shown in sequence.



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