

C H R O N I C L E

**102nd AES Convention, Munich
22-25 March 1997**

Year after year, the consecutive AES Spring Conventions, those held in Europe and designated with even numbers, attract an increasingly higher number of participants. This time in Munich the number, including exhibitors, was about nine thousand. About 350 companies from all over the World presented their products. Further several tens of press agencies and associations co-worked. The exhibition of the latest technical achievements in the audio field was the biggest ever to have been organized by the AES in Europe, at least in terms of stand space. The newly modernized and enlarged Convention Centre secured a comfortable work area for all activities connected with the Convention programme.

The scientific part of the Convention was also impressive. 112 contributed papers were presented by ca.225 authors and co-authors, during fifteen Papers sessions, devoted to particular problems of the Audio Engineering domain. Discussions followed after presentation of every paper. Particular attention of the German Organizing Committee was paid to the Workshop Sessions. Thirteen Workshop Sessions were held and thanks to their actual themes and well-prepared programmes they awoke the vivid interest of the participants.

As AES Vice-President for Central Europe region, where 17 Sections are active (Austrian, Czech, North German, South German, Hungarian, Israel, Lithuanian, Polish, Russian-Moscow, Russian-St. Petersburg, Slovakian, Swiss, Ukrainian, and three Student Sections: in Moscow, St. Petersburg, and Gdańsk – ca. 1500 members altogether) I had the opportunity to observe their activities during the Board of Governors' meetings in Munich, where all their organizational needs were to be dealt with and many problems solved.

Although I was very busy due to my numerous tasks and participation in various organizational meetings, I was, as during the previous Convention, paying particular attention to the Polish AES members participation and achievements. As to the number of papers Polish authors were ahead of those of many other countries. They were in third position, after the UK and Germany, their contribution being more than 11% of the total number of Convention papers. This result is better than that of the previous European AES Convention (10% at the 100th AES Copenhagen, in 1996).

For the first time since the introduction of workshops into the Convention programmes the Polish acoustician, professor A. Czyżewski, from the Sound Engineering Department of Gdańsk University of Technology organized and moderated, as Chairman, the workshop session entitled Audio technology for the Hearing-Impaired. Three panelists, prof. L. Moser, from Würzburg University, prof. S. Peeters, from Antwerp University and dr T. Fidecki from Warsaw Academy of Music, assisted him at presentations and demonstrations, answered questions and explained problems raised by numerous interested participants.

New forms included in the Convention programme were the Education Fair and Education Forum. The first was aimed at providing all interested visitors with information concerning schools, colleges and institutes and their courses in audio-engineering, as well as appropriate literature. The second one, hosted by the AES Education Committee, afforded the opportunity for discussions among educators and students on academic activities useful for further development of the audio-domain in cooperation with industry.

The attendance of Polish AES members in Munich was numerous as in previous Conventions. A group of students, mostly from the Gdańsk University of Technology, participated in workshop sessions and took advantage of the free access to the most modern equipment demonstrated at exhibition stands. Moreover, they had an opportunity for sightseeing excursions to Munich and their neighbouring countryside as well as to visits to interesting cultural and technical sites of the City.

Traditionally, the Convention site is friendly place for informal meeting and professional contacts between all those interested in the audio domain, coming from various countries of Europe and the rest of the World. Let the Polish share in future Conventions remain as active and fruitful as it has been so far. I address this wish to future organizers, of education process in the field of Acoustics and Sound Engineering.

Marianna Sankiewicz

Post Scriptum: As usual, all papers contributed were edited in principle in the form of Convention Preprints prior to the debates. Those Preprints may be available now either from their authors or the AES Editorial Office. Thus, information concerning titles of papers contributed by Polish authors may be useful for Archives of Acoustics readers. This information is as follows:

K. BAŚCIUK, S. BRACHMAŃSKI, *The automation of the subjective measurements of logatom intelligibility*, (Session: Measuring and modelling – Paper A-5) Preprint 4407.

B.W. KULESZA, W. RYSZKOWSKI, *The sound reinforcement system of large halls*, (Sound reinforcement – B-1) No Preprint available.

K. KROSCHEL, A. CZYŻEWSKI, M. IHLE, M. KUROPATWIŃSKI, *Adaptive noise cancellation of speech signal in a noise reduction system based on a microphone array*, (Array Acoustics – H-1) Preprint 4450.

M.J. KIN, A.B. DOBRUCKI, *Roughness effect as a result of amplitude or frequency modulation of single components in harmonic complex* (Psychoacoustics – L-2) Preprint 4481.

- A. CZYŻEWSKI, R. KRÓLIKOWSKI, *New methods of intelligent filtration and coding of audio*, (Psychoacoustics – L-7) Preprint 4486.
- A. CZYŻEWSKI, A. LORENS, W. WOJNAROWSKA, *Multimedia catalogue of hearing impairments*, (Psychoacoustics – L-8) Preprint 4487.
- W. MAJEWSKI, Cz. BASZTURA, *Methods of tape recording authentication*, (Recording and Reproduction Systems-M-6) Preprint 4493.
- B. KOSTEK, A. WIECZORKOWSKA, *A system for musical database creation and analysis*, Sound Archiving-Musical Acoustic – N-3) Preprint 4498.
- S.K. ZIELIŃSKI, G. SZWOCH, *Application of Chebychev polynomials to calculation of the nonlinear characteristics of the digital waveguide model of the organ pipe*, (Musical Acoustics – N-4) Preprint 4499.
- G. BUDZYŃSKI, M. SANKIEWICZ, M. SZCZERBA, *A new swinging-bell system applicable to carillon bells or change-ringing peals*, (Musical Acoustics – N-6) Preprint 4501.
- B. KOSTEK, M. SZCZERBA, *Applications of algorithms dealing with time domain uncertainty for the automatic recognition musical phrases*, (Musical Acoustics – N-7) Preprint 4502.
- K. SZLIFIRSKI, T. ŁĘTOWSKI, A. MIŚKIEWICZ, *Timbre solfège: teaching tools for developing technical listening skills*, (Musical Acoustics – NB-8) NoPreprint available.

M.S.

1997 IEEE International Ultrasonic Symposium

October 5–8, 1997

Toronto Marriot Eaton Centre

Toronto, Ontario, Canada

Sponsored by the Ultrasonics, Ferroelectrics & Frequency Control Society

General Chair:

Stuart Foster

University of Toronto

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7-th Spring School on Acousto-Optics and Applications

18–22 May, 1998 Gdańsk

The School is organized by

University of Gdańsk

Institute of Experimental Physics

in co-operation with the

Quantum Molecular Acoustics and Sonochemistry

section of the **Polish Acoustical Society** and the **Committee of Acoustics of the Polish Academy of Sciences**, sponsored by **Ministry of Education, Polish Council for Scientific Research** and by **SPIE – the International Society of Optical Engineering** in association with the **Polish Chapter of SPIE**.

Organizing Committee

President:	Prof. dr hab. A. Śliwiński
Vice President:	Prof. dr hab. P. Kwiek
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	Dr J. Szurkowski
Technical Responsibility Staff:	B. Dalek
	Mgr I. Głębocka
	Mgr inż. A. Katkowski
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Scientific Programme

According to the wishes of the participants of the last Spring School on Acousto-optics in 1995 we have pleasure to announce the Seventh Spring School as a continuation of these every third year meetings.

As before, the aim of the School is to cover all physical topics concerning light and sound (mainly in the ultra-and hypersonic range) interaction in liquids and solids. Applications of acousto-optic devices such as deflectors, modulators, filters and other proces-

sors of integrated optics, visualization of ultrasound and holographic imaging etc. will be included in the programme. The School activities will be divided into:

- invited lectures (45 minutes),
- original papers (20 minutes),
- poster session,
- round table discussions,
- equipment exhibition.

The proceedings of the School will be published by the SPIE. The technical requirements for typing the papers will be send in the second circular.

Since the number of original papers is limited the selection will be done by the Organizing Committee.

The official language of the School will be English.

The number of participants is limited to 80.

The exhibition of acoustical and optical equipment is predicted during the meeting. The potential exhibitors are invited to contact the organizers for details.

The organizers are opened to accept a sponsorship upon the School of a prominent firm which could be interested in the opportunity to promote their goods among acousto-opticians.

All correspondence should be directed to:

Dr Bogumił LINDE

Institute of Experimental Physics

Organizing Committee

of the 7-th School on Acousto-optics

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**Joint Meeting of the 16-th International Congress on Acoustics
and the Acoustical Society of America**

**Seattle, Washington, USA
20-28 June 1998**

The 16th International Congress on Acoustics (ICA) and the 135-th meeting of the Acoustical Society of America (ASA) will convene in Seattle, Washington in June 1998. Seattle, a major city in the northwestern United States, is located between the Cascade Mountains and Puget Sound and is served by an international airport.

Joint Meeting As a joint meeting of the ICA and ASA, the Congress will bring together experts from all fields of acoustics and will provide an international forum for the open exchange of scientific information. The meeting is organized by the Acoustical Society of America under the aegis of IUPAP and its Commission on Acoustics.

Technical Presentations The meeting will consist of plenary lectures, invited and contributed papers, poster sessions, and exhibits. The plenary lectures will be presented by renowned acousticians and will cover a wide variety of interesting topics in acoustics.

The working languages for the Congress will be English, French, and German. Papers will be presented in the language of the author's choice. A complete set of proceedings will be available at the Congress.

Social Activities Technical visits and excursions of general interest will be arranged: technical tours to local companies will include Boeing, Microsoft, and the Applied Physics Laboratory, University of Washington, as well as a trip to Mt. Rainier and a salmon dinner on Blake Island.

For more information about the Joint Meeting of ASA/ICA'98

16-th ICA Secretariat
Applied Physics Laboratory
University of Washington
1013 NE 40th Street
Seattle, WA 98105-6698, USA