

SECOND MEETING OF THE
INTERNATIONAL COLLEGIUM
OF REHABILITATIVE AUDIOLOGY



WAKULLA SPRINGS LODGE
AND CONFERENCE CENTER
FLORIDA STATE UNIVERSITY
TALLAHASSEE, FLORIDA

MARCH 19-21, 1989

MESSAGE FROM THE PRESIDENT

Welcome to the second meeting of the International Collegium of Rehabilitative Audiology at Wakulla Springs in Florida. I am reminded once more of the purpose of our organization. Most simply stated it is to provide a convenient opportunity for scientists and clinicians to exchange the findings of their research and clinical methodologies to the end that those who sustain impairments of hearing are given the most informed help possible.

Our Collegium is truly multidisciplinary in its composition and we are indeed fortunate to have among the Fellows those who come from the fields of audiology, education of the deaf, electrical engineering, otolaryngology, phoniatriy, physics, psychology, and speech pathology. The diversity of settings in which Fellows are employed is as remarkable as well.

The backgrounds and professional settings in which Fellows are engaged presents a particular challenge, and that challenge is one of successfully communicating between and among disciplines and professions. As we share between, within, and among disciplines and professions we have far greater chances of arriving at solutions to the many problems associated with hearing impairment that have not been forthcoming from any single discipline or profession.

With clear recognition of the advances that have been made in rehabilitative audiology within this century there is yet ample opportunity for advances that will lead

toward, for example:

- even closer linkage between auditory measurements and the design, development, and selection and fitting or implementation of amplification systems
- the determination of psychological implications of hearing impairment on family dynamics
- knowledge of the value of sensory pathways other than the auditory habilitation and rehabilitation of hearing impaired persons
- a scientific appraisal of not only the efficacy of our habilitative and rehabilitative strategies but also accurate predictions of the outcomes of our attempts at intervention
- and more.

I am greatly encouraged by the manner in which our Collegium is developing and the willingness of those responsible at this time for guiding this development. The Newsletter under the guidance of Dr. Brooks is a good example of this. The willingness of Dr. Kiessling - Vice President and Dr. Bechler - Secretary-Treasurer to join with me in the U.S.A. this past Autumn for an executive committee meeting to plan for our Wakulla Springs meeting is another example. And the substantial input of our host, Dr. Haas of Florida State University, provides still another example of the dedication there is to work on the Collegium.

I trust that you will find this meeting to be rewarding both professionally and personally.

Herbert J. Oyer, Ph.D.

Sunday, March 19, 1989

- 1:30 p.m. Welcome from the University, Provost Augustus Turnbull, III ; the College, Dean Theodore Clevenger, Jr.; and the Department, William H. Haas
- 2:00 p.m. **Professional Session I: Invited Paper** Chairperson: H. J. Oyer (Tallahassee)
- W. Staab** (Golden Valley, Minnesota):
A Comparison of programmable and digital approaches to hearing aid development (90 minutes)
- 3:30 p.m. Break
- 3:45 p.m. Business Meeting
- 5:00 p.m. Reception
- 6:30 p.m. Dinner

Monday, March 20, 1989

- 7:00 a.m. Breakfast
- 8:30 a.m. **Professional Session II: Current Approaches to Amplification by Hearing Instruments**
Chairperson: J. Kiessling (Giessen)

S. Westermann (Copenhagen):
Multiple characteristic hearing aids and environmental hearing (20 minutes)

A. Ringdahl (Göteborg):
Clinical experience of a programmable hearing aid with Multiple Memories (20-30 minutes)

J. Kiessling (Giessen):
Clinical experience of a programmable 3-channel AGC hearing instrument (2 minutes)

10:00 a.m. Break

10:15 a.m. **Professional Session III:
Selection and Fitting of Hearing Instruments**
Chairperson: A. Ringdahl (Göteborg):

H. Bächler (Stäfa):
Hearing instruments fitting tools (15 minutes)

D. Byrne (Chatswood):
Hearing aid selection for the severely hearing-impaired (30 minutes)

S. Arlinger (Linköping):
Correlation between hearing loss, hearing aid gain and speech recognition in noise (20-30 minutes)

11:30 a.m. Lunch

12:30 p.m. **Professional Session IV:
Properties and Benefits of Hearing Instruments**
Chairman: K. Welzl-Müller (Innsbruck)

L. M. Moser (Würzburg):
Comparing frequency responses of hearing instrument receivers to high fidelity headphones

T. Spillmann (Zurich):
Comparison of hearing aids and cochlear implants in profoundly and totally deaf persons (10 minutes)

D. Brooks (Manchester):
Hearing aid benefit measures: validity and stability (15 minutes)

1:45 p.m. Break

2:00 p.m. **Professional Session V:
Intervention: Infants and Children**
Chairperson: W. Haas

R. Oza (Bombay):
Experience in infant testing: a follow-up of cases for first five years (20-25 minutes)

J. Bamford (Reading)
Early language intervention with severely hearing impaired children (20 minutes)

M. N. Kotby (Cairo)
Communicative evaluation of the hearing impaired child

Tuesday, March 21, 1989

7:00 a.m. Breakfast

8:30 a.m. **Professional Session VI:
Intervention in adult and aging
persons**
Chairperson: D. Brooks (Manchester)

R. Schow (Pocatello):
Status of adult aural rehabilitation in the
USA (15-20 minutes)

R. Türk (Vienna):
Rehabilitation of hearing impaired adults
(20 minutes)

H. J. Oyer, L. Solberg (Tallahassee):
Tactile communication in the rehabilita-
tion of the hearing impaired elderly (15
minutes)

10:00 a.m. Break

10:15 a.m. **Professional Session VII:
Miscellaneous Papers**
Chairman: S. Westermann (Vaerloese)

H. von Wedel, U.C. von wedel (Co-
logne):
Treatment of tinnitus: Observations and
experiences of a German tinnitus clinic
(20 minutes)

L. G. Wall and S. A. Davidson (Colum-
bus):

Relationship of ABR amplitude and loud-
ness perception for normal and hearing
impaired subjects (10-15 minutes)

S. Nikam (Mysore):
Hearing rehabilitation in India (15 min-
utes)

LIST OF PARTICIPANTS

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