

**FECHNER DAY      1985      MARSEILLE**  
Laboratoire de Mécanique et d'Acoustique (LMA)  
Centre National de la Recherche Scientifique  
**PROGRAM (October 21, 22)**

Monday, Oct. 21

9:00 GREETING

Hall du LMA

9:20 OPENING

Salle de Conférence  
(Chair: B. SCHARF)

Report and discussion of plans for international  
association of psychophysics and 1986 meeting

10:30 PAPERS

Salle Joseph Pérès  
(Chair: R. TEGHTSOONIAN)

Lawrence WARD  
University of British Columbia, Canada  
"Let a thousand flowers bloom: Diversity and unity in  
models of psychophysical judgment."

Gunnar BORG  
University of Stockholm, Sweden  
"On individual and intermodal comparisons."

Helen ROSS  
University of Stirling, Scotland  
"Fechner's explanation for the rise of the Weber fraction  
for weight at low stimulus levels."

12:30 Lunch

Cantine (35 FF)

13:30 VISIT of laboratories

Group de Psychoacoustique: Laboratoire de Mécanique et  
d'Acoustique  
or Département de Psychobiologie Expérimentale: Institut  
de Neurophysiologie et Psychologie (INP)

15:00 PAPERS

Salle Joseph Pérès  
(Chair: G. CANEVET)

Anne-Marie BONNEL, INP  
"Breathing discomfort in asthma: Role of adaptation level."

Georges CANEVET, LMA  
"Loudness estimation of pure tones varying  
continuously in intensity."

Anne-Marie BONNEL and Camille-Aimé POSSAMAI, INP  
"Visual attention and sensory tuning."

Bertram SCHARF  
Northeastern University, Boston, MA, USA and LMA  
"Auditory attention and frequency selectivity."

17:00 Leave for visit of the Abbaye de St. Victor, including organ recital  
by François Santon, and visit of Notre Dame de la Garde

20:00 Couscous dinner (Chez Max à Marseille) 80 to 150 FF

Tuesday, Oct. 22

9:00 Final discussion of international  
organization and 1986 meeting

Salle Joseph Pérès  
(Chair: B. BERGLUND)

9:45 Coffee

10:15 PAPERS

Françoise BRIOLLE  
Group d'Etude et de Recherches de Détection  
Sous Marine (G.E.R.D.S.M)  
"Evaluation of earphones by magnitude estimation."

Ulf BERGLUND  
Royal Institute of Technology, Stockholm, Sweden  
"Master scaling of loudness."

Birgitta BERGLUND  
University of Stockholm, Sweden  
"Psychophysics without physics."

11:15 Jean-Claude RISSET  
CNRS - LMA  
Demonstration and discussion of computer-generated  
musical sounds and musical intervals.

12:30 Lunch in nearby restaurant  
CLOSURE

100 to 200 FF

A Note on the Preceding Weekend.

The above two-day program was preceded by outings on Saturday and Sunday in the beautiful port town of Cassis, some 14 km southeast of the CNRS in Marseille. Saturday included swimming and windsurfing, an elegant dinner, and a flute and harp concert for some. Sunday began with a meeting to prepare suggestions for an international psychophysics group. The afternoon was devoted to swimming, walking, a boatride to the calanques of Cassis, and an apéritif. The evening was devoted to bouillabaise. Throughout there was lots of discussion of sensory psychology and psychophysics with an unusual emphasis on gustation.

# INTERNATIONAL SOCIETY FOR PSYCHOPHYSICS

Founded 22 October 1985

## ANNOUNCEMENT OF SECOND MEETING

### FECHNER DAY 1986

The ISP will hold its second international celebration of Fechner Day near Marseille from approximately 19 through 22 October 1986. We hope you will join your colleagues who share your interest in the measurement and understanding of sensory and perceptual processes. The meeting will be devoted to the discussion of selected themes, presentation of posters or papers by title, as well as the exchange of new (and old) ideas and results. In addition, we shall make our organization somewhat more formal by adopting a constitution.

Although the details of the program are to be worked out by the Program Committee, we envisage a meeting extending over three days and including four planned sessions. Two or three of the planned sessions will each contain five or six papers grouped around a common theme. The papers, to be available before the meeting, will be summarized by their authors and then the meeting will be devoted to an open discussion of the papers and the overriding theme. One session will be devoted to a format (such as posters) that allows a maximum of diversity. A workshop devoted to a current topic of general interest and led by a well-known expert is envisaged as a fourth session.

Please fill out the enclosed sheet to let us know whether you plan to participate in INTERNATIONAL FECHNER DAY II, and—if not—whether you want to join ISP and be kept on our mailing list. Please be sure that we receive your reply no later than **January 21, 1986** in Marseille. We expect the cost of lodging, food, and registration to be no more than 2000 French francs (currently about \$250) for the three days.

#### The Organizing Committee:

Anne-Marie BONNEL

Georges CANEVET

Camille-Aimé POSSAMAI

Bertram SCHARF, Chair

Marseille, November 1985

INTERNATIONAL SOCIETY FOR PSYCHOPHYSICS

Founded 22 October 1985

COMMITTEES

Organizing Committee

Anne-Marie BONNEL  
Georges CANEVET  
Camille-Aimé POSSAMAI  
Bertram SCHARF, Chair

Program Committee

Birgitta BERGLUND  
Ulf BERGLUND  
Robert TEGHTSOONIAN, Chair

Constitution Committee

Gunnar BORG, Chair  
Helen ROSS  
Jerry TOBIAS

OFFICERS

Secretary General

Georges CANEVET

Historian

Helen ROSS

MEMBERS (as of 6 November 1985)

alphabetized list with addresses and phone numbers

HONORARY MEMBERS

possibly Mrs. S.S STEVENS??

ZOTTERMAN??

Founded 22 October 1985

c/o G. CANEVET  
Laboratoire de Mécanique et d'Acoustique  
CNRS, BP 71  
13277 Marseille, Cedex 9, France

November 1985

Dear Colleague:

We missed you for the first international celebration of Fechner Day that we held here in Marseille on October 21 and 22. Given the late date at which we arranged the meeting and sent out the invitations, we understand that many of you could not possibly make such last-minute arrangements. So we were pleasantly surprised to find that we were 20 to 30 of us from five countries (three continents) with a hard core of some fifteen, most of whom are among the first members of the newly founded **International Society for Psychophysics**. Not only did we establish what appears to be the first society devoted to psychophysics but we had a fruitful and interesting scientific meeting whose formal topics are outlined on the enclosed program. Perhaps more importantly we had a chance to meet the faces behind the names of papers and books we had read, of persons with whom we had corresponded, to exchange views and ideas informally in pairs and in groups. And we had a good time to boot! It all went so well (thanks in no small measure to the staff and resources of the Laboratoire de Mécanique et d'Acoustique) that we decided to do it again next year, somewhere in the Marseille region, this time giving you and others reasonable notice.

Although a constitution is to be submitted at the 1986 meeting, the consensus in Marseille was that the **ISP** should remain an independent organization with membership initially open to all those interested in psychophysics as a scientific discipline. The main purpose of the **ISP** may be considered to be to promote mutual communication among researchers interested in psychophysics, whether theoretical or applied. The **ISP** shall also seek to publicize the contributions of psychophysics within psychology and related fields. Its main activity will be to organize conferences and workshops under its own guise and within the context of larger meetings. The present structure of the **ISP** comprises several ad hoc committees and an elected secretary-general (see attached list of names).

We invite you to join us next year and to become a member of **ISP** by filling out the attached registration and membership sheet. Since we can only make a limited mailing of the enclosed announcements, we should greatly appreciate your giving copies to interested students and colleagues in and out of academia.

Yours sincerely,

G. Canévet, B. Scharf,  
R. Teghtsoonian

## MINUTES

from the Fechner Day '85 meeting in Marsielle  
concerning the International Society for Psychophysics

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The following notes were given by the chairman Birgitta Berglund on transparencies and they are to be considered as decisions on the forming of the International Society for Psychophysics in Marseille, October 22, 1985:

1. The name of the society was agreed to be "International Society for Psychophysics" (ISP) and it is a society for scientists.
2. The ISP is an independent society but should work for the forming of divisions both within professional organizations of psychology and within professional organizations with multidisciplinary or applied activities. Such divisions could be in psychophysics or its subareas.
3. ISP's main goal is to serve as a forum for mutual communication among researchers interested in psychophysics. It shall further perform public relations work for psychophysical knowledge both within the discipline of psychology and within related fields of applied research. It is expected that the society should engage in students and give a platform for positions within basic as well as applied research organizations.
4. The main activity of ISP is to organize conferences, symposia within conferences organized by others, or workshops. It may further publish handbooks in psychophysics, proceedings of conferences or simply books. It may also give courses in the field of psychophysics or arrange a program for international exchange of students.
5. It was decided that the ISP should have a Secretary General from now on to the Fechner Day '86. Georges Canévet was elected. The official address of ISP is thus:

International Society for Psychophysics  
c/o Georges Canevet  
Centre National de la Recherche Scientific (CNRS)  
Laboratoire de Mécanique et d'Acoustique (LAM)  
B.P. 71  
F-13277 Marseille, Cedex 9  
FRANCE

Telephone: (91) 22-41-70

6. The question of registering an international society in order to protect its name as well as of writing its constitution were transferred to a Constitution Committee. It should investigate these questions as well as other related questions as for example the need for a member acceptance committee, the least expensive arrangement for paying the membership fees, etc. Three persons were elected for the Constitution Committee: Gunnar Borg (chairman), Helen Ross, and Jerry V. Tobias. They should give an outline of an ISP constitution by October 22, 1986.

7. It was decided that ISP shall arrange a conference of psychophysics in connection to the Fechner Day of October 22, 1976. It should take place in the vicinity of Marseille during October 19-22, 1986. The planning and completion of this conference will be done by two committees for which the following persons were elected:

Organizing Committee: Bert Scharf (chairman), Anne-Marie Bonnel, Georges Canévet, and Camille-Aimé Possamaï.

Program Committee: Robert Teghtsoonian (chairman), Birgitta Berglund, and Ulf Berglund.

The Program Committee should arrange the scientific program and aid in obtaining grants and/or publish materials for the conference Fechner Day '86. The Program Committee has free hands to decide on the scientific program but the following suggestions were given. Print extended abstracts or short papers rather than give all papers as oral communications. Poster sessions or sessions with reading by title are possible. It was felt that some kind of workshop or discussion sessions may be preferred to free oral communications sessions, especially if the former are well chaired. The session topics should be set in advance. A list of suggested topics are given at the end of these minutes.

The Organizing Committee are responsible for the the local arrangements including conference site and conference rooms, the first informal announcement of the conference (response of participant with or without title of paper, before January 31, 1986). The joint announcement of the society with invitation to join. etc. It was decided that the full list of members of ISP should be given in the first announcement.

It is evident that the Program Committee and the Organizing Committee have to co-work as close as possible, the least effort of communication being mailing copies of important paper.

8. Since the Organizing Committee will need some money for their mailing of materials to members as well as for announcing the psychophysics conference "Fechner Day '86", it was decided that a membership fee was needed. A Regular Member should pay 10 U.S.\$ (or 80 FF) and a Student Member should pay half of that. For the first year of ISP, Bert Scharf was elected to collect membership fees. To start with, the book keeping of ISP membership fees could be joint with the conference Fechner Day '86.
9. It was decided that ISP should offer to sponsor a symposium within the Leipzig international conference on psychophysics planned to take place at the University of Leipzig, November 15-20, 1987. Some of the ISP members had an invitation to this conference which will celebrate the 100th year after the death of Gustav Theodor Fechner. The ISP member and talented historian Helen Ross was elected to become a convenor of such a symposium but first she was asked to write to Professor Geissler and offer the sponsorship of ISP. If there were any language problems, Helen could contact Hannes Eisler at the Department of Psychology, University of Stockholm. He had also obtained an invitation for the Leipzig conference.

The following topics of discussion sessions were suggested for Fechner Day '86. The list is not considered complete.

- Individual differences
- Detection vs discrimination
- Measurement theory & psychophysical measurement
- Discrimination & the psychophysical law
- Contributions of cognitive psychology to psychophysics and the reverse
- Measurement of adaptation
- Environmental psychophysics

Apart from these topics, someone suggested that we should have a key note on some aspects of the history of psychophysics or the psychophysicists at each conference.

A photo was taken of the participants at Fechner Day '85 in Marseille. All participants got the photo as a gift from the organizing committee: Georges Canévet, Bert Scharf, and Robert Teghtsoonian.

Stockholm, October 26, 1985

  
Birgitta Berglund



LMA, CNRS, Marseille

PROGRAM (Provisional)

List of Expected Participants:

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