



Third International Conference on Sensorimotor Controls in Men and Machines

Marseille, France October 5-6, 2001

Deadline for Registration: September the 1st, 2001
For abstract submission: April the 30th, 2001

The International Conference on Sensorimotor Control in Man and Machines will be held in Marseille, Palais du Pharo, France. This conference was first held in Berkeley in 1994 in honor of Prof. Lawrence Stark. The second was held in Chicago, 1997, as an IEEE Man, Systems and Cybernetics satellite Symposium.

Today, no major Conference has yet been devoted exclusively to fundamental and applied aspects of the visuo-oculo-manual system. The Third Conference on Sensorimotor Controls in Man and Machines will allow researchers from Neuroscience, Engineering and Clinics to exchange their observations and update the main body of knowledge regarding this sensorimotor system.

The program will be highly structured, based around the various components of man and/or machine control. A fundamental aspect of the program (see below) will be a core of invited speakers who would present, or discuss, the seminal ideas, advances, problems, and future research in their respective areas. Presentations will also be included in a high quality publication of the Conference Proceedings.

As shown in the following program, the first day will be devoted to topics in Neural Control Processes including Cognitive and Predictive Control, Adaptive Control and Motor Learning, Coordinative-Interactive Processes, and Internal Models. The second day is organized around topics in Sensorimotor Organization and the Man-Machine Interface including Telemanipulation, Man-Machine Interface, Virtual Reality and general Bioengineering aspects of sensorimotor control. Two guest speakers will introduce each of the topic areas: one will present a definitive overview of the field and the other will actively discuss this overview and the field in general. These presentations will then be followed by platform presentations (15 minutes each). Each session will conclude with brief oral presentations of the posters relating to that session.

Registration and information on abstract submission can be obtained through the conference Website. To register or submit an abstract log onto the conference website at:

<http://www.laps.univ-mrs.fr/umr/workshop/index.html>

or contact the Conference Secretary:

e- mail: workshop@laps.univ-mrs.fr

voice: +33 491 17 22 50

fax: +33 491 17 22 52

The Website also includes information on related events, registration and other fees, and transportation to Marseille. Please note the deadline for registration is September 1, and for abstract submission April 30, 2001.

The organizing committee would like to extend a special welcome to join us in Marseille and promise an exciting, topical conference. We especially hope that you will be able to spend some time in the south of France, a country of exquisite charm.

The organizing committee:

Jean Blouin

Christophe Bourdin

Gabriel M. Gauthier

John L. Semmlow

Shiro Usui

Jean-Louis Vercher

Program

THIRD INTERNATIONAL CONFERENCE ON SENSORIMOTOR CONTROL IN MAN AND MACHINES

PALAIS DU PHARO, MARSEILLES

October 5 and 6, 2001

Friday Oct 5

Neurological Control Processes

8:45 - 9:00 AM - Introductory Remarks

9:00 - 9:40 AM - Cognitive and Predictive Control

Invited Speakers: J. McIntyre and M. Gresty

9:40 - 10:40 AM - Speakers session (chairmen: J. McIntyre and M. Gresty)

10:40 - 10:50 - AM - Oral poster presentations (chairman: T. Hasbroucq)

10:50 - 11:10 AM - Coffee Break

11:10 - 11:50 AM - Adaptive Control and Motor Learning

Invited Speakers: L. Young and T. Mergner

11:50- 12:50 PM - Speakers session (Chairmen: L. Young and T. Mergner)

12:50 - 1:00 PM: Oral poster presentations (chairman: C. Bourdin)

1:00 - 2:30 PM Lunch

2:30 - 3:10 PM - Coordinative - Interactive Processes

Invited Speakers: S. Usui and C. Prablanc

3:10- 4:10 PM - Speakers session (Chairmen: S. Usui and C. Prablanc)

4:10 - 4:20 PM: Oral poster presentations (chairman: J-L Vercher)

4:20 - 4:40 PM - Coffee Break

4:40 - 5:20 PM - Internal Model, Feedforward and Feedback Control

Invited Speakers: G. Gottlieb and C. Miall

5:20 - 6:20 PM Speakers session (Chairmen: G. Gottlieb and C. Miall)

6:20 - 6:30 PM: Oral poster presentations (chairman: R. Bootsma)

6:30 - 8:00 PM - Posters and Reception

8:00 Dinner

Saturday Oct. 6

Sensory- Motor Organization and Man- Machine Interface

9:00 AM 9:40 AM - Telemanipulation and Man-Machine Interface

Invited Speakers: R. Kenyon and S. Mussa Ivaldi

9:40 - 10:40 AM - Speakers session (Chairmen: R. Kenyon and S. Mussa Ivaldi)

10:40 - 10:50 AM: Oral poster presentations (Chairman: J. L. Semmlow)

10:50 - 11:10 AM Coffee Break

11:10 - 11:50 AM - Virtual Reality

Invited Speakers: L. Stark and J. Sequeira

11:50- 12:50 PM - Speakers session (Chairmen: L. Stark and J. Sequeira)

12:50 - 1:00 PM: Oral poster presentations (Chairman: Y. Guiard)

1:00 - 2:30 PM Lunch

2:30 - 3:10 PM - Biomedical Aspects

Invited Speakers: A. Pedotti and G. Magenes

3:10- 4:10 PM - Speakers session (Chairmen: A. Pedotti and G. Magenes)

4:10 - 4:20 PM: Oral poster presentations (Chairman: N. Fransceschini)