Kybernetika

News

Preliminary Announcement and Call for Papers:

Second International Conference on
Soft Methods in Probability and Statistics

September 2–4, 2004, Oviedo (Asturias), Spain

During the last thirty years a considerable number of papers have been published with the aim to extend the existing theory of probability and mathematical statistics. The common feature of those attempts is to "soften" the classical theory. Some "softening" approaches utilise concepts and techniques developed in such theories as the fuzzy set theory or the theory of possibility, and other approaches, like the Dempster–Schafer theory, have their origins in the classical theory of probability.

The soft methods in probability and mathematical statistics have obviously many common features. The First Conference on Soft Methods in Probability and Statistics (SMPS), held in Warsaw in 2002 and organized by the Polish Academy of Sciences, gave many researchers on related topics the opportunity to exchange ideas and applicable techniques.

On the occasion of the SMPS'2002, a biennial structure was agreed, the Department of Statistics and Operations Research at the University of Oviedo in Spain being the organizer for the Second Conference on Soft Methods in Probability and Statistics (SMPS'2004). The Conference will be held in Oviedo (Northwestern Spain), on September 2–4, 2004.

The scope of SMPS'2004 is to bring together experts representing all existing approaches used in soft probability and statistics. In particular, we would welcome papers combining probability and statistics with fuzzy logic, applications of the Dempster–Schafer theory, generalized theories of uncertainty, generalized random elements, generalized probabilities and so on. Both theoretical and applied papers will be welcome.

Scientific Committee

Honorary Chairman and Opening Lecture

L. Zadeh (University of Berkeley, California, USA)

Scientific Committee Members

N. Corral (University of Oviedo, Spain)
D. Dubois (CNRS – University Paul Sabatier, Toulouse, France)
P. Gil (University of Oviedo, Spain)
O. Hryniewicz (Polish Academy of Sciences, Warsaw, Poland)
J. Kacprzyk (Polish Academy of Sciences, Warsaw, Poland)
E. E. Kerre (University of Gent, Belgium)
R. Kruse (University of Magdeburg, Germany)
J. Lawry (University of Bristol, UK)
I. Molchanov (University of Bern, Switzerland) – **Plenary Lecture**
S. Moral (University of Granada, Spain)
W. Naether (University of Freiberg, Germany)
H. T. Nguyen (University of Las Cruces, New Mexico, USA) – **Plenary Lecture**
Y. Ogura (University of Saga, Japan) – **Plenary Lecture**
D. A. Ralescu (University of Cincinnati, Ohio, USA) – **Closing Lecture**
M. Rojas-Medar (University of Estadual de Campiñas, Brazil)
R. Viertl (Technological University of Vienna, Austria)

Organizing Committee

General Chairs

> *M. A. Gil* (University of Oviedo, Spain)
> *M. López-Díaz* (University of Oviedo, Spain)

Committee Members

> *M. R. Casals* (University of Oviedo, Spain)
> *I. Cascos* (Public University of Navara, Spain)
> *A. Colubi* (University of Oviedo, Spain)
> *P. Grzegorzewski* (Polish Academy of Sciences, Warsaw, Poland)
> *W. Kraetschmer* (University of Saarland, Germany)
> *M. T. López-García* (University of Oviedo, Spain)
> *M. A. Lubiano* (University of Oviedo, Spain)
> *M. Montenegro* (University of Oviedo, Spain)
> *E. Mrowka* (Polish Academy of Sciences, Warsaw, Poland)
> *L. J. Rodríguez Muñiz* (University of Oviedo, Spain)
> *A. Salas* (University of Oviedo, Spain)
> *P. N. Terán* (University of Zaragoza, Spain)

Full papers of 5–8 pages (A4) written in English should be submitted by e-mail no later than February 15, 2004 (com2smps@correo.uniovi.es). The authors will be notified of acceptance by March 30, 2004. The camera-ready typescripts of the accepted papers must be submitted by e-mail by May 30, 2004 (tentative date), in accordance with the instructions authors will receive in due time.

Any questions on SMPS'2004 should be addressed to:

Prof. Luis José Rodríguez Muñiz
Dpto. Estadística e I.O. y D.M.
Universidad de Oviedo
Escuela de Marina Civil
Campus de Viesques, s/n
E-33203 Gijón (Asturias), Spain

E-mail: smps2004@correo.uniovi.es
http://web.uniovi/es/SMPS