

CALL FOR PRESENTATIONS XXIV EURO Summer Institute EURO

Theme : Optimization Challenges in Engineering:
Methods, Software and Applications

This call for presentations is for selecting the candidate of the Latin-Iberoamerican Society for Operational Research ALIO (<http://www.dc.uba.ar/alio/>) to the Euro Summer and Winter Institutes (ESWI, <http://www.euro-online.org/display.php?page=institutes&>).

The Association of European Operational Research Societies - EURO (<http://www.euroonline.org/>) will cover the costs of the scientific program, accommodation, meals, and social activities to the appointed participant. All the other expenses (e.g., travel expenses) are in charge of the participant who must manage to raise the necessary funds to attend the event.

The Latin-Iberoamerican Society for Operational Research ALIO (<http://www.dc.uba.ar/alio/>) was created in Rio de Janeiro in november, 1982, during the first CLAIO (Latin-Iberoamerican Congress on Operational Research). ALIO's purpose is to promote the exchange of experiences and information among researchers, academicians and professionals related to Operational Research in the region, as well as the circulation of techniques and methodologies related to these disciplines. ALIO is also the Latin American Regional Chapter of IFORS (International Federation of Operational Research Societies, <http://www.ifors.org>).

The Euro Summer and Winter Institutes (ESWI) are organized to encourage good social and working relationships among promising young OR scientists in Europe. Their aim is to encourage the establishment of a network of promising young researchers (with less than 10 years experience in OR) who will continue to work in the future. Each run is composed of 25 participants. The Institute features lectures by invited speakers, but for the most part, the participants themselves will present and discuss their papers. The official language of each ESWI is English.

The ESI 2006 (<http://wwwopt.mathematik.tu-darmstadt.de/events/esi2006>) will be held at Lutherstadt Wittenberg, Germany, August 18 - September 2, 2006. A special issue of European Journal of Operational Research (EJOR) will be prepared, based on the papers presented during the ESI. Just as important is the varied social program that is prepared for the participants.

The candidate of ALIO must meet all the ESWI criteria (age, presentation of an unpublished paper in the relevant topic).

Theme of the XXIV ESI

Spanning the bridge between optimization theory and industrial applications is one of the big challenges for the operations research community. Continuous optimization and modern software implementations have become an indispensable resource in engineering sciences. This high demand in interdisciplinary collaboration is, however, not adequately covered in most of the current curricula programs in applied mathematics or engineering. Aim of this EURO Summer Institute is to fill this gap and bring together young scientists with academic experts and professionals in engineering and software development. Based on mini-courses on continuous optimization methods and their algorithmic realizations, this ESI will combine tutorial lectures, short surveys, and software presentations with student contributions and scientific discussions. It offers a unique opportunity for young scientists to acquaint themselves with state of the art optimization methodology and software, to enter the scientific community, and to share their experience with young colleagues from all over Europe.

The keynote speakers at the ESI include Erling Anderson (Mosek, Denmark), Hans-Georg Bock (Heidelberg, Germany), Andrew Conn (IBM Research, USA), Andreas Griewank (Berlin, Germany), Michal Koèvara (Prague, Czech Republic), Annick Sartenaer (Namur, Belgium), Tamás Terlaky (Hamilton, Canada), Lieven Vandenberghé (UCLA, USA), and Andrea Walther (Dresden, Germany).

Further details may be found on the ESI website
<http://wwwopt.mathematik.tu-darmstadt.de/events/esi2006>

Apply Now!

If you:

1. Are a student, a professor or a researcher in a Latin American University or Research Institute;
2. Have done work along the lines of the ESI as given in the theme;
3. Are not more than 35 years old; and
4. Can present your unpublished work and answer questions in English you may be the person we are looking for.

Please submit, your curriculum vitae, a recommendation/reference letter from a senior researcher in the OR community, a draft of the paper to be presented at the event and a 1-page proposal letter detailing why/how attending the workshop will benefit the applicant by March 31, 2006 to:

Héctor Cancela
ALIO ESI Selection Committee Secretary
E-Mail: cancela@fing.edu.uy
Fax No. +598 (2) 7110469

Due to short deadlines, only submissions by e-mail or fax are acceptable.