2004 International Conference on Computational Science

Special Session on GeoComputation

Call for Paper

The 2004 International Conference on Computational Science will be held at Krakow, Poland, June 7 - 9, 2004

Computational science involves using computers to study scientific problems. GeoComputation is about using various different types of geographical and environmental data and developing relevant tools within the overall context of a computational scientific approach. Geocomputation is concerned with new computational techniques, algorithms, and paradigms that are dependent upon and can take advantage of high performance computing (HPC). It includes spatial data analysis, dynamic modeling, simulation, space-time dynamics and visualization and virtual reality.

This conference will offer presentations from a variety of sources, both local, national and international and will enable you to network with others working in similar fields.

Invitation to Submit a Paper

We invite you to submit a paper to the *Special Session on Geocomputation*. You may submit a full paper of a maximum of 8 or 9 pages (Letter or A4 paper) for oral presentation. Submitted papers have to be original, containing new and original results. The submitted paper must be camera-ready and formatted according to the rules of LNCS. For formatting information, see **the publishers web site**. Submission implies the willingness of at least one of the authors to register and present the paper.

Electronic submissions will be in MS Word, PS, or PDF (please also submit all .eps, .dvi, and .ps files). Three hard copies of the paper should be mailed only if electronic submission is not possible. Each submission will be refereed by at least two referees.

Please include a cover page (in ASCII format) which lists the following:
> title of the paper
> list of authors
> name, affiliation, address and e-mail address of each author
> name of the contact author
> a maximum of 5 keywords

The acceptance can be conditional on the basis of improvements as advised by the referee or program committee suggestions or because of inappropriate formatting and preparation of the paper. Whether your paper is finally accepted is subject to the discretion of the ICCS organizers, on the basis whether the suggestions and guidelines have been followed. Please submit your full paper for review by December 31, 2003 to the session chairs **Dr. Yong Xue** or **Dr. Costas Varotsos**.

A camera-ready version of your accepted paper must be submitted electronically via the **paper submission web page** by February 15 2002 and must comply with the camera-ready format. Please also send a copy to the session chairs **Dr. Yong Xue** or **Dr. Costas Varotsos**. Hard copies should be sent only if electronic submission is not possible.

Proceedings

The proceedings of the Conference will be published in the Springer-Verlag Lecture Notes in Computer Science (LNCS) series. Papers accepted for oral representation will be collected in the Science Citation Index (SCI) Expanded database. A selected number of papers will also be published as special issues of the appropriate journals.

Important Dates

Draft full papers due   December 31, 2003

Notification of Acceptance   February 1, 2004

Camera Ready Papers and Pre-registration due   February 15, 2002

ICCS 2004 Conference   June 7-9, 2004

Registration

Registration in the "The 2004 International Conference on Computational Science" is compulsory for at least one of the authors of the accepted papers. The URL for registration is: http://www.cyfronet.krakow.pl/iccs2004/

Registration Fees (see http://www.cyfronet.krakow.pl/iccs2004/registration.html)

	Regular participant	Student	Accompanying person
Pre-registration (before March 15, 2004)	400 EURO	200 EURO	90 EURO
Regular registration (after March 15, 2004)	600 EURO	350 EURO	120 EURO

Important Note:
For authors with papers submitted directly to the Session Organizer:
All presenting authors *must* register before March 15, 2004.

For all questions related to the Session, please contact session chairs **Dr. Yong Xue** (Mail Address: *The Retreat, 125B Cambridge Road, Great Shelford, Cambridge CB2 5JJ, UK*) or **Dr. Costas Varotsos** (Mail Address: *Assoc. Prof. Costas Varotsos, University of Athens, Dept. of Applied Physics, Athens-Greece*). For list of invited speakers and Organizing Committee please consult the official ICCS'04 web page.