

# European Symposium on Intelligent Technologies, Hybrid Systems and their implementation on Smart Adaptive Systems

EUNITE-2004

10-12 June 2004, Aachen, Germany

CALL FOR PAPERS

Special Session on Intelligent Technologies in Bioinformatics

Organizers: G. Magoulas, Birkbeck College, University of London, UK

G. Dounias, University of the Aegean, GR

## Submission Deadlines

**Title/Summary: February 8, 2004**

**Full Paper: February 29, 2004**

The *EUropean Network on Intelligent TEchnologies for Smart Adaptive Systems* (EUNITE), is pleased to announce the organization of a special session related to the application of "Intelligent Technologies in Bioinformatics", within the "European Symposium on Intelligent Technologies, Hybrid Systems and their implementation on Smart Adaptive Systems" (EUNITE-2004), held in Aachen, Germany, June 10-12, 2004.

The special session organized by the Human, Medical and Healthcare Committee of the EUNITE network, is interested to include papers related to the development and application of Intelligent Technologies in Bioinformatics and Computational Biology. Topics of interest may focus on, but are not restricted to the:

- Interpretation of complex data generated by analytic processes in molecular genetics and cell biology
- Processing of microarrays data
- Analysis of gene expression data
- Applications of Intelligent Technologies in Molecular Biology and Molecular Genetics
- Management of medical data, including Bioinformatics Databases and Distributed Computing
- Modeling and Simulation of Cellular Systems
- Biomedical Computer Vision Using Geometrical and Dynamical Models
- Microarray image processing
- Intelligent optimization for computational chemistry and molecular biology problems
- Applications of Intelligent Technologies in Proteomics
- Visualisation of bioinformatics data

The organizers attempt also to give the opportunity to researchers that work on the application of various A.I. methods in Medicine to meet and to present their ongoing work to the other participants of the EUNITE-2004 meeting. The submitted papers should report on current results of their ongoing research.

For more details on the topics covered by this special session, please visit also <http://www.eunite.org>.

In addition note that:

- All accepted papers will be included in a EUNITE-2004 Proceedings Volume (CD-Rom).
- In addition, all accepted papers to this special session, will be published in a special book edition with an ISBN number, with the support of (1) the University of the Aegean (2) the EUNITE Network and other possible sponsors / contributors.
- Selected papers are likely to be further considered for later publication into international journals. Additional information on the subject will be announced shortly.
- A blind evaluation process is organized for the accepted medical papers each year (during the presentation of the papers in the Annual EUNITE Symposium), for awarding authors introducing pioneer or innovative research on the field of Intelligent Systems in Medicine. The winners of the awards shall be enabled to participate to the EUNITE-2004 conference free of charge (travel expenses, accommodation and conference fees included).

Important dates:	
February 29, 2004	Deadline for Submission of Full Papers
March 15, 2004	Notification of Acceptance
March 31, 2004	Early Registration (download form from <a href="http://www.eunite.org">www.eunite.org</a> )
April 4, 2004	One-page abstract for the booklet and final revised paper for CD-Rom Proc.
June 10-12, 2004	Conference EUNITE 2004

## The submission process

The one-page summary of your paper must be typed in single-column, Times 10pt, left and right justified, using A4 paper size and 2.5 cm margins all around. The title should be typed at Times 12pt, the author name(s) at Times 11pt and both should be in boldface and centered. Please, include 3-4 keywords at the end of your one-page summary.

The Full paper must follow the instructions for authors described in the EUNITE-2004 call for papers (see instructions for authors on [www.eunite.org](http://www.eunite.org)).

EUNITE-2004 strongly encourages electronic submissions (pdf or Word for Win2000/XP).

Please email your paper to:

[gmagoulas@dcs.bbk.ac.uk](mailto:gmagoulas@dcs.bbk.ac.uk) or [g.dounias@aegean.gr](mailto:g.dounias@aegean.gr)

However, if this is not possible, three hard copies of the one page summary should be sent by post to the EUNITE-2004 "Bioinformatics" Session at one of the addresses listed below.

Authors can also follow the normal process of submitting a general-purpose paper to EUNITE-2004 (see attached call for papers for details), and declare their intention for inclusion of their paper in the special session "Bioinformatics".

## ADDRESS FOR SUBMISSION OF SPECIAL SESSION PAPERS

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Please visit <http://www.eunite.org/eunite/events/eunite2004/eunite2004.htm> or return the reply form below to get more information about eunite2004.

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SHOULD YOU HAVE FURTHER QUESTIONS, PLEASE E-MAIL TO:

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