

4th International Conference on Information and Communication Technologies
in Bio and Earth Sciences HAICTA 2008
18-20 September 2008 Athens, Greece

<http://infolab.aua.gr/haicta/conf/>

It is our pleasure to announce that the 4th International Conference on Information and Communication Technologies in Bio and Earth Sciences (HAICTA 2008) will be held during September 18-20, 2008, in the premises of the Agricultural University of Athens.

The Conference is organised by the Hellenic Association for Information and Communication Technologies in Agriculture Food and Environment (HAICTA) in co-operation with a number of associated Institutions.

KEYNOTE SPEAKERS

Richard E. Plant, University of California, Department of Agronomy & Range Science, USA. Editor in Chief of the Journal: Computers and Electronics in Agriculture

Prof. Juerden Pilz, Dept. of Statistics, University of Klagenfurt, Austria.

Prof. Gerhard Shiefer, Dept. of Food and Resource Economics, University of Bonn, Germany.

Dr. Magnus Grylle, Dept. of Forestry, FAO, Italy.

AIM

The HAICTA 2008 Conference aims to bring together professionals, experts and researchers working on ICT systems and applications in Bio and Earth Sciences providing a broadened perspective for all attending.

The Conference encourages papers with original ideas and research advances, covering ICT aspects of Bio and Earth Sciences. It also encourages contributions that describe experiences drawn from real applications, or large-scale simulation experiments, taken from a variety of fields, including, environment, agriculture, atmosphere, ocean, etc. Work-in-progress reports on current projects are particularly welcome.

TOPICS OF INTEREST

Topics include (but are not limited to) technology and application areas of ICT in Bio and Earth Sciences:

- * Automation in Process Control
 - * Bio-sensor Applications
 - * Bio-statistics and ICT
- * Data Acquisition and Signal Processing
 - * Data Bases and Applications
 - * Decision Support Systems
 - * E-services
- * Environmental Control Systems
- * Internet, Web Technologies and Applications
 - * Information Systems
 - * Intelligent Systems
 - * GIS and Applications
- * Modelling and Use of Statistical Analysis
 - * Monitoring and Control Systems
 - * Ontology and Web Semantic
 - * Precision Agriculture
 - * Quality Control Systems
- * Role of ICT in Rural Development
 - * Statistics and GIS

- * Sensor Network Applications
- * Strategy and Management Information Systems
 - * System Modeling
 - * Pervasive Computing
 - * Wireless Networks

IMPORTANT DATES

March, 31, 2008: Abstract and full paper submission
May, 12, 2008: Notification of acceptance
June, 9, 2008: Camera ready submission

PAPER SUBMISSION

Authors are invited to electronically submit original, English-language research contributions or experience reports of no more than 15 pages, not concurrently submitted elsewhere.

All papers will be reviewed through a fully electronic peer review process by three academic referees. Final acceptance will be based on the review of the full paper submission.

Abstract and full paper submissions will be handled by an ONLINE SUBMISSION SYSTEM.

PUBLICATION

Accepted papers will be invited for oral/poster presentation at the Conference and will be included in the Proceedings published by the HAICTA association. Also, they will appear in the digital library CEUR.

Selected papers will be further considered for publication in a special issue of the journal: Computers and Electronics in Agriculture.

A limited number of papers will be reviewed for publication in the journal: Environmental Modelling and Software.

ORGANISING INSTITUTIONS

- * Agricultural University of Athens, Greece
- * Aristotle University of Thessaloniki, Greece
- * Democritus University of Thrace, Greece
 - * University of Macedonia, Greece
 - * University of Thessaly, Greece
- * Cukurova University in Adana, Turkey
 - * Ege University, Izmir, Turkey

CHAIRS

CONFERENCE CHAIR

Prof. Sideridis A.B., Agricultural University of Athens, Greece

ORGANIZING CHAIR

Assoc. Prof. Iliadis L., Democritus University of Thrace, Greece

SCIENTIFIC CHAIR

Prof. Tsiligiridis T., Agricultural University of Athens, Greece

FOR MORE INFORMATION:

<http://infolab.aua.gr/haicta/conf/>

4th International Conference on Information and Communication Technologies
in Bio and Earth Sciences HAICTA 2008
18-20 September 2008 Athens, Greece

<http://infolab.aua.gr/haicta/conf/>

It is our pleasure to announce that the 4th International Conference on Information and Communication Technologies in Bio and Earth Sciences (HAICTA 2008) will be held during September 18-20, 2008, in the premises of the Agricultural University of Athens.

The Conference is organised by the Hellenic Association for Information and Communication Technologies in Agriculture Food and Environment (HAICTA) in cooperation with a number of associated Institutions.

KEYNOTE SPEAKERS

Richard E. Plant, University of California, Department of Agronomy & Range Science, USA. Editor in Chief of the Journal: Computers and Electronics in Agriculture

Prof. Juerden Pilz, Dept. of Statistics, University of Klagenfurt, Austria.

Prof. Gerhard Shiefer, Dept. of Food and Resource Economics, University of Bonn, Germany.

Dr. Magnus Grylle, Dept. of Forestry, FAO, Italy.

AIM

The HAICTA 2008 Conference aims to bring together professionals, experts and researchers working on ICT systems and applications in Bio and Earth Sciences providing a broadened perspective for all attending.

The Conference encourages papers with original ideas and research advances, covering ICT aspects of Bio and Earth Sciences. It also encourages contributions that describe experiences drawn from real applications, or large-scale simulation experiments, taken from a variety of fields, including, environment, agriculture, atmosphere, ocean, etc. Work-in-progress reports on current projects are particularly welcome.

TOPICS OF INTEREST

Topics include (but are not limited to) technology and application areas of ICT in Bio and Earth Sciences:

- * Automation in Process Control
 - * Bio-sensor Applications
 - * Bio-statistics and ICT
- * Data Acquisition and Signal Processing
 - * Data Bases and Applications
 - * Decision Support Systems
 - * E-services
- * Environmental Control Systems
- * Internet, Web Technologies and Applications
 - * Information Systems
 - * Intelligent Systems
 - * GIS and Applications
- * Modelling and Use of Statistical Analysis
 - * Monitoring and Control Systems
 - * Ontology and Web Semantic
 - * Precision Agriculture
 - * Quality Control Systems
- * Role of ICT in Rural Development
 - * Statistics and GIS
 - * Sensor Network Applications
- * Strategy and Management Information Systems
 - * System Modeling
 - * Pervasive Computing
 - * Wireless Networks

IMPORTANT DATES

March, 31, 2008: Abstract and full paper submission

May, 12, 2008: Notification of acceptance
June, 9, 2008: Camera ready submission

PAPER SUBMISSION

Authors are invited to electronically submit original, English-language research contributions or experience reports of no more than 15 pages, not concurrently submitted elsewhere.

All papers will be reviewed through a fully electronic peer review process by three academic referees. Final acceptance will be based on the review of the full paper submission.

Abstract and full paper submissions will be handled by an ONLINE SUBMISSION SYSTEM.

PUBLICATION

Accepted papers will be invited for oral/poster presentation at the Conference and will be included in the Proceedings published by the HAICTA association. Also, they will appear in the digital library CEUR.

Selected papers will be further considered for publication in a special issue of the journal: Computers and Electronics in Agriculture.

A limited number of papers will be reviewed for publication in the journal: Environmental Modelling and Software.

ORGANISING INSTITUTIONS

- * Agricultural University of Athens, Greece
- * Aristotle University of Thessaloniki, Greece
- * Democritus University of Thrace, Greece
 - * University of Macedonia, Greece
 - * University of Thessaly, Greece
- * Cukurova University in Adana, Turkey
 - * Ege University, Izmir, Turkey

CHAIRS

CONFERENCE CHAIR

Prof. Sideridis A.B., Agricultural University of Athens, Greece

ORGANIZING CHAIR

Assoc. Prof. Iliadis L., Democritus University of Thrace, Greece

SCIENTIFIC CHAIR

Prof. Tsiligiridis T., Agricultural University of Athens, Greece

FOR MORE INFORMATION:

<http://infolab.aua.gr/haicta/conf>