

Call for Papers

EnviroInfo 2017

Environmental Informatics – From Science to Society: The Bridge provided by Environmental Informatics

**Luxembourg, 13th – 15th September 2017
at Neimënster Abbey, Luxembourg**

We invite you to the EnviroInfo 2017 in Luxembourg to discuss the state of the art in research and application of Environmental Informatics, and how the discipline can help to improve our societies.

Rationale

The EnviroInfo 2017 is the 31st edition of the long standing and established international and interdisciplinary conference series on leading environmental information and communication technologies.

Luxembourg and LIST offer a unique setting for the conference. Due its size and geographical situation, the county is specifically challenged by environmental issues that cross borders, be it the impact of environmental disasters, emissions caused by the transborder mobility due to the international workforce of the country, or interoperability of environmental decision systems in general. LIST, as local organizer, is very much interested in research with a measurable positive impact on the society, which is perfectly in line with the goals and roots of the discipline.

In this context, the conference is open for contributions covering topics at the crossover between informatics and environmental research, such as geographical information systems, environmental modelling and simulation, risk management, material and energy flow management, climate change, environmental data analytics and visualisation, application of satellite data and navigation (Copernicus, Galileo etc.), tools and database applications and other aspects with regard to the main topic ICT and the environment.

General Topic

Environmental Informatics – From Science to Society: The Bridge provided by Environmental Informatics

General Focus

Due to the interdisciplinary character of environmental informatics there is a wide range of topics that are traditionally covered by the conference:

- Cross-border collaboration and issues and environmental informatics
- Environmental Modelling and Simulation
- Applications of Geographical Information Systems
- Environmental Health, Consumer Protection and Quality of Life
- Risk Assessment and Resilience
- Software Tools and Environmental Databases
- Environmental Communication, Open Access to Data
- Energy Informatics and Environmental Informatics
- Environmental Informatics Research in Horizon 2020
- Design, Sustainability and Green Software Engineering

Special Focus

Topics of special interest will be covered in special workshops or within topic centered sessions/tracks within the conference's schedule. Special Topics of this year's conference are:

- Application of satellite data (e.g. Copernicus) and GNSS in environmental informatics
- Interoperability of environmental decision and information systems
- Novel methods and tools for the visualisation and analysis of environmental data (machine learning, visual analytics, etc.)
- Metropolitan Carbon-Drop Solutions and Smart Cities
- Education and training on Green IT
- Environmental Health Informatics

Workshops or Special Sessions

- On the Importance of Systems Methods and Systems Analysis in Environmental Research
- Environmental Informatics – envision concepts, present approaches and discuss implementations (PhD Workshop)
- Environmental Management Information Systems and Life Cycle Assessment
- Sustainable Mobility
- Energy Aware Software-Engineering and Development
- IT-Systems and National Park Monitoring
- Disaster Management for Resilience and Public Safety

Workshops/Special Sessions are still subject to change, please refer to our website for updated information.

Contributions

We call for contributions in four categories

- Full research papers
- Work in progress
- Short contribution (problems, ideas, visions)
- Poster

according to the following rules

Type	Submission/ Reviewing	Publication	Presentation
Full paper	Complete text for peer review, double-blind	8-10 pages in a springer book or a journal publication	Traditional session
Work in progress	Extended abstract (1000 words) for peer review	4-6 pages published with ISBN or ISSN	ConverStations OR Sessions
Short contribution	Abstract (500 words) for peer review	4 pages published with ISBN or ISSN or 2 pages published in the book of abstracts	ConverStations OR Sessions OR Discussions
Poster	Final version for peer review	2 pages in the book of abstracts	Poster session

Remark: The final publication channels are subject to change.

Important Dates

Full Research Paper	
17/04/2017	Submission deadline for Full Papers
26/05/2017	Notification of acceptance for Full Papers
09/06/2017	Submission of final versions for Full Papers

Work in Progress, Short Contributions, Poster	
03/07/2017	Submission for Work in Progress and Short Contributions
24/07/2017	Notification of acceptance for Work in Progress, Short Contributions and Poster
07/08/2017	Submission of final versions for Work in Progress, Short Contributions and Poster
General	
15/08/2017	Early payment deadline
13-15/09/2017	EnviroInfo 2017 conference

Contact and further information

For further, continuously updated information and contact details, please refer to <http://www.enviroinfo2017.org> or send a message to enviroinfo2017@list.lu