



*From Science to Society: The Bridge provided by Environmental Informatics
Luxembourg, September 13-15, 2017*

ENVIRONMENTAL INFORMATICS – ENVISION CONCEPTS, PRESENT APPROACHES AND DISCUSS IMPLEMENTATIONS (PHD WORKSHOP)

General Information

Location: Neimënster Abbey, 28 Rue Münster, 2160 Luxembourg

Date: N.N. (September 13/14/15, 2017)

Time: N.N.

Organisation:

- Eva Kern, Leuphana University Lüneburg & Environmental Campus Birkenfeld
- Dominik Schöner, University of Applied Sciences Hanover
- Martina Willenbacher, HTW Berlin – University of Applied Sciences

Workshop Objectives

Nowadays, our daily life is hardly imaginable without using information and communication technologies (ICT) – both on the professional and the private side. However, such technologies consume a huge amount of energy and, thus, have a significant impact on the environmental footprint. Therefore, solutions to counteract the increasing energy consumption caused by ICT are required. On the other hand, the technologies can be used to support a more sustainable way of life.

We invite new researchers and PhD students, to **share their current research or research proposals** in the context of environmental and sustainability informatics with a community that always thrived on new ideas, concepts and research questions. The PhD workshop will focus on **bringing PhD students from together** and provide them with a **platform** where they can network, discuss approaches and challenges as well as present the current state of their work. In addition, there will be opportunities to obtain feedback from an established research community.

The PhD Workshop is an **opportunity** for PhD students to

- share and discuss approaches, challenges and open questions of their individual projects,
- receive feedback, new ideas and fresh perspectives for their own work,
- learn from and exchange with other researchers, working in the same research field,
- obtain an overview of other research activities belonging to environmental informatics,
- promote the development of a supportive community of PhD students and a spirit of collaborative research,
- contribute to the conference goals through interaction with other researchers and conference events.

Workshop Topics

Topics related to the workshop are:

- ICT for environmental protection, climate change and scarce resources,
- ICT for ecological system modelling and simulation,
- ICT for power grids / smart grids,
- Environmental impacts of ICT,
- Energy aware software development,
- Energy informatics,
- Green IT and Green by IT,
- Green software engineering,
- Resource and energy efficiency,
- Sustainability dimensions and indicators,
- Sustainability reporting,
- Sustainable mobility,
- Carbon footprinting tools and applications,
- Environmental modelling, visualization, simulation and optimization,
- Information modelling and interoperability for sustainability applications.

Participation

The participants of the workshops should be **PhD candidates or those who are about to start their PhD studies**. Depending on your aims considering the publication of your work, we invite you to send us your abstracts, full papers or posters according to the table below:

Type	Submission/ Reviewing	Presentation / Publication	Submission deadline
Full paper	complete text for peer review, double-blind	Traditional session / 8-10 pages in a springer book	28/04/2017 (extended)
Work in progress	Extended abstract (1000 words) for peer review	ConverStations OR Sessions / 4-8 pages in a Shaker book	03/07/2017
Short contribution	Abstract (500 words) for peer review	ConverStations OR Sessions OR Discussions / 4-8 pages in a Shaker book	03/07/2017
NEW Presentation	Abstract (100 – 200 words) sent to the organizers	Sessions OR Discussions / Not published	07/08/2017
Poster	Final version for peer review	Poster session / Not published	03/07/2017

Note that PhD students may attend the EnviroInfo 2017 conference at a reduced fee.

<http://www.enviroinfo2017.org/en/programme/workshops-special-sessions/>