Lakeside Labs
self-organizing networked systems

The Research Days are focussing on self-organizing networked systems — the core competence of Lakeside Labs.

SELF-ORGANIZING
NETWORKED
SYSTEMS

Lakeside Labs

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Lakeside Labs

RESEARCH|DAYS
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LAKESIDE LABS
SELF-ORGANIZING NETWORKED SYSTEMS

Lakeside Labs is a cluster for science, technology and innovation in the area of information and communication technology. We focus on the future-oriented topic of self-organizing networked systems.

The company Lakeside Labs GmbH acts as the link between the Alpen-Adria-Universität, other universities, research institutes, and industrial companies. It offers space for creative ideas, high-quality research on an international level, and industry-related application-oriented projects.

Lakeside Labs was founded in 2008 and currently funds an international team of 35 scientists, project managers, and assistants.

Picture: Lakeside Labs

http://researchdays.lakeside-labs.com

The Research Days are an annual workshop focussing on the core competence of Lakeside Labs: self-organizing networked systems. International experts are devoted to a special topic in selforganization in the annual organized workshop of Alpen-Adria-Universität and Lakeside Labs. The event is organized as a five days workshop in July. It takes place at Lakeside Labs GmbH in Klagenfurt am Wörthersee, Austria, near a beautiful lake and alps scenery. Invited experts, local professors, and young researchers discuss and elaborate ideas in the field of self-organizing systems. The main emphasis of the workshop is on soliciting discussions and creating new ideas regarding a topic related to self-organizing systems.

The event provides an exellent platform for scientific exchange, networking, establishment of international collaboration, and joint research projects.

Self-Organization and Smart Grids

The Research Days 2012 will target at discussions in the field of self-organization and its application in smart grids. Research and development of applications of self-organization have the potential to provide results across the established domain borders of existing research and engineering disciplines.

Self-organization is thus the new paradigm to cope with the emerging difficulty of networked applications. Due to the increasing complexity of components, networks, and systems, we face such applications more and more often. One of the great confrontations of our time is the transformation of our energy system from fossil fuel resources to sustainable resources. Another challenge is the intelligent integration of the behavior of all users (generators and consumers) of an electricity grid to optimize the operation of the system. The Research Days will take place from **July 9-13, 2012**. The opening event will start at 9:30 am on Monday, July 9. The days will close on Friday, July 13, at noon. A detailed workshop schedule will follow a few weeks before the event.

The registration fee for the 5 days workshop is € 500. The program includes a social event. A special session will discuss project collaboration and future issues. The Research Days have taken place annually since 2008. Notable results from previous Research Days have been new research collaborations, several joint papers, organization of conference special sessions, and the conception and submission of joint research projects in the EU FP7. Please register via email at researchdays@lakeside-labs.com.

Picture: Rainer Sturm_pixelio.de