

Welcome!

This is the first issue of the regular newsletter of CyPhERS – a FP7-project funded by the EU. CyPhERS ("Cyber-Physical European Roadmap and Strategy") aims at combining and expanding Europe's competence in embedded and mobile computing and in control of networked embedded systems. The main objective of the project is to develop a European strategic research and innovation agenda for cyber-physical systems (CPS) to ensure Europe's competitiveness in this emerging field.

1st European Experts' Workshop on Cyber-Physical Systems

CyPhERS successfully held its first European Experts Workshop in Munich on October 14–15, 2013. This two-day event was targeted at industrial and research key representatives in the field of CPS with the goal of identifying the grand challenges posed by Cyber-Physical Systems and their associated cause and impact.



Top-level researchers and strategists from leading companies came together and provided their visions on possible and desirable evolution of the field, and exchanged views and insights on the state of the art in science and technology. Altogether, 26 people from 8 European countries participated, representing a broad range of relevant CPS domains such as automation, healthcare, telecommunication, or avionics, to name but a few.

The workshop programme consisted for one part in keynote presentations that highlighted both the policy aspects on the EU level and described related road-mapping experiences from Germany and Sweden, and presented insights from an industrial view to the new challenges that CPS present in certain domains.

Interactive group work sessions formed the other major part of the workshop. At four tables, arranged in a "world café" setting and each headlined with a specific theme, the workshop participants brainstormed and discussed topics ranging from the CPS vision & new opportunities, its added value and impact, and challenges in engineering, to acceptance issues and questions regarding economic ecosystems. The outcomes of these discussions will now provide valuable input and guidance for the further work within the CyPhERS project.

If you are interested in attending future project events and collaborating with us you are invited to join our expert network. Please contact us at contact@cyphers.eu!

In this issue:

- 1st European Experts' Workshop on CPS held in Munich, October 14–15, 2013.

Project Information

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- KTH Royal Institute of Technology, Stockholm, Sweden
- Université Joseph Fourier, Grenoble, France
- University of Trento, Italy
- The University of York, UK
- Siemens AG, Munich, Germany (affiliated partner)