

Welcome!

This is the fifth issue of the regular newsletter of CyPhERS ("Cyber-Physical European Roadmap and Strategy") – a FP7-project funded by the EU, which aims at developing a European strategic research and innovation agenda for cyber-physical systems (CPS) to ensure Europe's competitiveness in this emerging field.

New project document published

CyPhERS has published deliverable D2.2 "Structuring of CPS Domain: characteristics, trends, challenges and opportunities associated with CPS". This deliverable presents a refinement of the preliminary analysis reported in deliverable D1.1, and is based on the discussions and insights obtained chiefly from experts consultations. We discuss the characteristics, trends, challenges and opportunities from a scientific, economic and societal point of view. This is done along a number of dimensions that further help the systematic structuring of the CPS domain. This and the past deliverables are available for download at <http://cyphers.eu/project/deliverables>.

CPS20: 2nd European Experts' Workshop on Cyber-Physical Systems

CyPhERS successfully held its second European Experts Workshop on CPS, in Berlin on April 14, 2014, as a satellite event of CPSWeek. Experts were invited to exchange vision and challenges on CPS, and to elaborate strategies to achieve the vision.



The goal of the workshop was to gather insights regarding foundations, technology and methodologies for the design and production of large scale CPS. The program featured keynote lectures by Karl-Erik Årzén (Lund University), Alexandre Bayen (University of California at Berkeley), and Elena Fersman (Ericsson Research), and a number of contributed presentations on design flows, model-based development, research and strategic directions, transportation networks and platforms. A panel discussion concluded the program. The proceedings of the workshop can be found at <http://cyphers.eu/cps20>.

Call for suggestions for recommendations to the EU

One of the goals of the CyPhERS project is to provide to the European Commission a comprehensive set of recommendations regarding the implementation of the research and innovation agenda for CPS developed during the project. For this reason, we are soliciting suggestions for these recommendations from the experts, to be included for consideration. If you would like to contribute to this effort, we therefore ask that you send us your suggestions by July 31st, in the form that you deem most appropriate.

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

In this issue:

- Project deliverable "Structuring of CPS Domain: characteristics, trends, challenges and opportunities associated with CPS"
- Report on: 2nd European Experts' Workshop on CPS, Berlin, April 14, 2013.
- Call for recommendations to the EU

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)