

## Welcome!

This is the third 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.

## Two project documents published

CyPhERS has recently published two project deliverables. "Structured CPS market model" presents a novel market model for Cyber Physical Systems (CPS) and provides a number of examples of the use of the model in analysing the potential impact of CPS, particularly in shaping the market in different domains. A key part of this model is a four-layer "domain architecture", which enables the relationship of innovation and constraints at the levels of technology, information, business process and social process to be explored. "CPS Methods and Techniques" identifies and structures the relevant methods and techniques that are currently available or already foreseeable. These are systematically identified and structured according to different perspectives. The deliverables are available for download from our project website at <http://cyphers.eu/project/deliverables>.

## 2<sup>nd</sup> European Experts Workshop on Cyber-Physical Systems: deadline extended to February 21

CyPhERS organises its 2<sup>nd</sup> *European Experts Workshop on Cyber-Physical Systems* as a satellite event of next year's *CPSWeek*, taking place in Berlin on April 14, 2014. Under the headline "CPS 20 years from now – vision and challenges", the *CPS20* workshop will provide scientific and industrial communities with a forum for the exchange of CPS visions and challenges as well as the elaboration of strategies to those ends. Besides invited talks and position papers, *CPS20* will include an interactive panel for discussions. Contributions are solicited addressing

- Visions and challenges of combined nature, e.g., technological, organizational, business and societal
- Roadmaps for CPS – suggested course of action that meet defined visions and challenges
- Experiences from regional and international efforts already undertaken or under way

Representatives from academia, industry and policy making are explicitly invited to submit enlightening position papers. Deadline for submissions: February 21<sup>st</sup>, 2014. The *Call for Papers* is attached to this newsletter, and can also be found online at <http://cyphers.eu/cps20>.

If you are interested in collaborating with us you are invited to join our expert network. Please contact us at [contact@cyphers.eu](mailto:contact@cyphers.eu)!

## In this issue:

- Project deliverables "Structured CPS market model" and "CPS Methods and Techniques" have been published
- Call for Papers: 2nd European Experts Workshop on CPS, Berlin, April 14, 2013. Deadline extended to February 21.

## Project Information

"CyPhERS - Cyber-Physical European Roadmap and Strategy"  
Support Action  
Project reference: 611430  
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## Partners:

- fortiss GmbH, Munich, Germany (Co-ordinator)
- 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)