Road2CPS – Workshop on Future Platforms

Are platforms a solution for our industrial competitiveness?
How can they benefit from CPS, IoT and Big data?

8th October, 2015,
9:00 am – 15.00 pm
Turin, Italy

The **Road2CPS Consortium** is pleased to invite you to its **Workshop on 8th October**, 2015 in Turin. The workshop is set to discuss **platform concepts and successes stories** in relation to **industrial demand and customer needs**, gathering about 30 experts from industry, academia and policy-making.

The workshop will count on the knowledge and experience of experts in Open Platforms and Architectures both horizontal (cross-sectorial) and vertical (domain-oriented), industrial players of data-intensive sectors and major representatives of initiatives like AIOTI and Big Data PPP.

The **objective** of the workshop is to stimulate:

- Discussions on **Platform concepts**: what is a "platform"? Why could this be beneficial to CPS? Learn from "Gold" examples that will be shared with the audience.
- **Aligning** the work of different **European initiatives** to ensure the coherence of our results.
- **Aligning supply and demand**. Are current solutions fulfilling real needs of customers? Are they suitable to promote the right innovation ecosystems?
- **Constituency building**: become part of one of the flagship communities that will define the future of CPS!

The **agenda** will include short presentations, panel discussions and an interactive session.

- **Introduction:** Presentation of goals and dynamics of the workshop
- **Expert Panel 1** (Presentations, Discussion, Panel):
  Platform presentations including FIWARE, FITMAN, Virtual Fort Knox, SAP…)
- *Coffee break*
- **Expert Panel 2** (Presentations, Discussion, Panel):
  Speakers from industrial demand side; manufacturing, transport,…
- *Lunch and networking*
- **Interactive Session** (involving all Participants)
  Success factors, needs, threats, recommendations, next steps
- **Conclusions** and next steps

To register for the workshop and for further questions, please contact: nuria.delama@atos.net

About Road2CPS

The Road2CPS project is a 24-month coordination and support action, co-funded under the European Union's H2020 Research and Innovation Programme in the area of Smart Cyber-Physical Systems. The project aims to carry out strategic action for future CPS through roadmaps, impact multiplications and constituency building. Road2CPS is coordinated by Steinbeis-Europa-Zentrum and supported by six other partners (Loughborough University, Newcastle University, CEA, Fraunhofer IPA, AnySolution and ATOS Spain) from 4 European countries. The partners efforts will focus on:

- identifying the gaps of current research and bridging the efforts,
- analysing future research priorities and business opportunities and,
- bringing the relevant stakeholders together to facilitate mutually beneficial collaborations between them.

Cyber-Physical Systems (CPSs) find their application in many highly relevant areas to our society: multi-modal transport, health, smart factories, smart grids and smart cities among others. The inherent complexity of CPSs (and related complexity management), as well as the need to meet optimised performance and comply with essential requirements like safety, privacy, security, raises many questions that are already beginning to be explored by the research community.

Road2CPS aims at accelerating uptake and implementation of these efforts. The project will not only build a constituency united by the commonly faced challenges but will also create a joint action plan for the future development of CPSs, with dedicated task forces, dedicated to platforms above others, to further detail and implement the findings from impact analysis and foresight activities.

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