

ROAD2CPS – STRATEGY ROADMAP WORKSHOP

The Road2CPS Consortium is pleased to invite you to the Road2CPS Strategy Roadmap Workshop, which is set to discuss **visions and priorities** of recently produced roadmaps in the area of Cyber-Physical Systems (CPS) draw **recommendations for future research and innovation activities** and **elaborate strategies** (and timelines) for their implementation.

The workshop will gather CPS-experts from industry, academia and policy-making, which will elaborate on specific CPS-themes, detail priority topics and strategies for implementation. Above others, experts presenting results and perspectives from various roadmaps, industry and SME representatives giving strategic recommendations and as well as representatives from the European Commission, will be present.

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 to further detail and implement the findings from impact analysis and foresight activities.

AGENDA

Road2CPS – STRATEGY Roadmapping Workshop	
09:00	<i>Registration</i>
09:30	Welcome and Introduction <i>Meike Reimann, Coordinator Road2CPS, Steinbeis-Europa-Zentrum</i>
9:45	Key note presentations <i>Digitizing the European Industry, Werner Steinhögl, European Commission</i> <i>ARTEMIS SRA, Ad ten Berg, Artemis-IA</i> <i>Industry key note, Stamatis Karnouskos, SAP</i> <i>SME key-note, Haydn Thompson, THHINK Wireless Technologies Ltd.</i>
11:15	<i>Coffee Break</i>
11:30	Recommendations from different Roadmaps / Initiatives <i>CPSoS Roadmap, Christian Sonntag, TU Dortmund</i> <i>HiPEAC Vision, Koen De Bosschere, Ghent University</i> <i>EFFRA Roadmap, Željko Pazin, EFFRA</i> <i>Industry 4.0 and Industrial internet, Daniel Stock, IPA</i> <i>sCorPiuS Roadmap (FoF-CPS), Anna De Carolis, Politecnico di Milano</i> <i>IoT Vision, Ovidiu Vermesan, SINTEF ICT</i> <i>NESSI view, Andreas Metzger, University Duisburg Essen</i>
13:00	<i>Lunch</i>
14:00	Elaboration of Priority Matrix <i>Road2CPS findings and workshop methodology, Meike Reimann, Steinbeis-Europa-Zentrum</i> (Elaborate research, engineering & implementation topics, prioritise and discuss matrix)
15:00	<i>Coffee Break</i>
15:15	Elaboration of Barriers and Funding Strategies
16:00	Topic Exploration (<i>group work</i> : in depth exploration of research priorities, elaboration of call themes and presentation of elevator pitch)
16:45	Final Discussion, Conclusion & Feedback
17:00	Closing of Workshop
19:30	Dinner: Taverne du Passage, Galerie de la Reine 30: http://www.taverne-du-passage.be

PARTICIPANT LIST

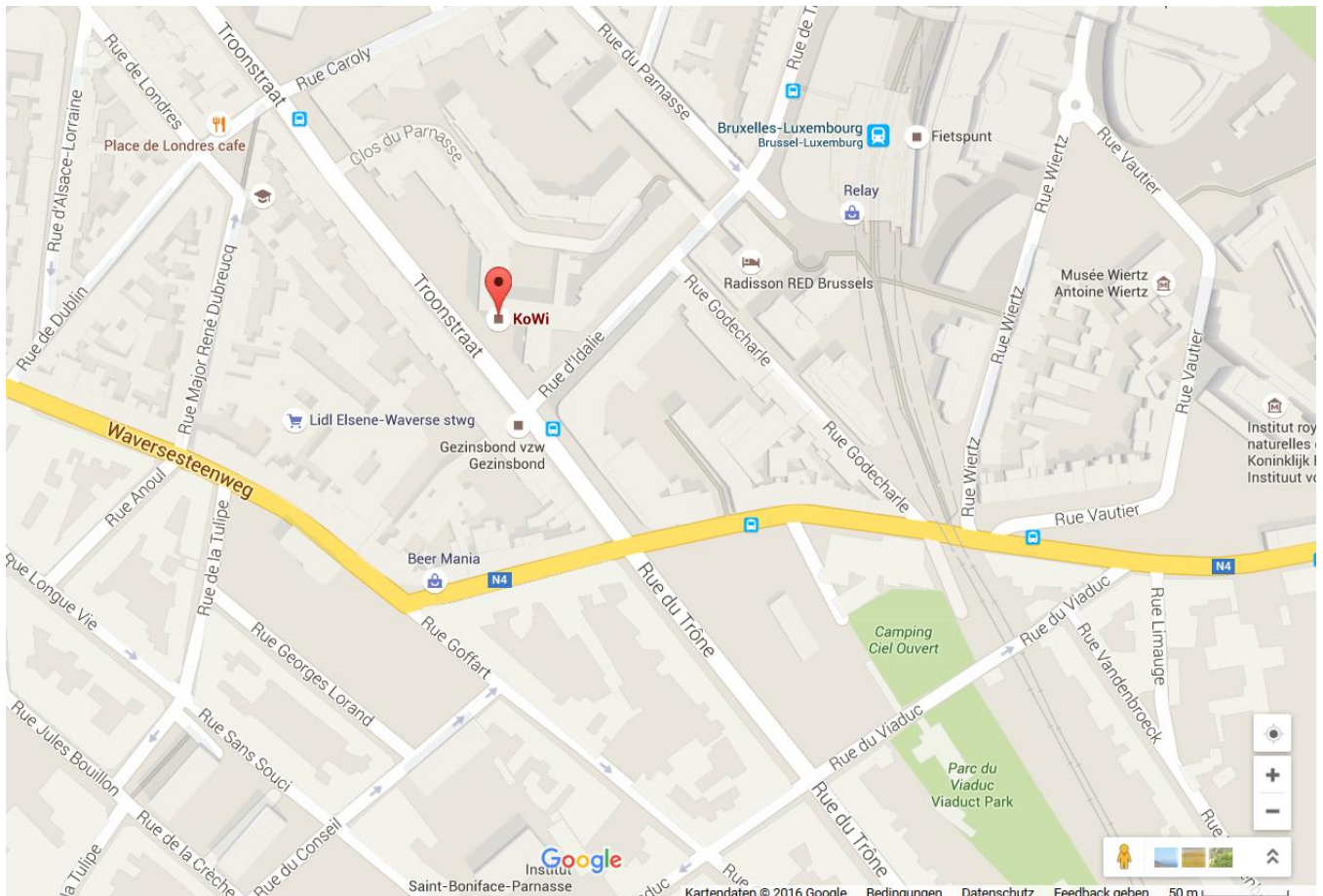
PARTICIPANTS:

Steve Bageritz	Steinbeis-Europa-Zentrum, Germany
Ad ten Berg	Artemis-IA, Netherlands
Armando Colombo	Institute for Industrial Informatics, Automation and Robotics (I2AR), Germany
Anna De Carolis	Politecnico di Milano, Italy
Nuria De-Lama	ATOS, Spain
Koen De Bosschere	Ghent University, Belgium
Nicolas Ferry	SINTEF ICT, Norway
Carl Gislescog	EFFRA, Belgium
Sabine Hafner-Zimmermann	Steinbeis-Europa-Zentrum, Germany
Claire Ingram	Newcastle University, UK
Giacomo Inches	Fincons Group
Stamatis Karnouskos	SAP, Germany
Petter Kyösti	Luleå University of Technology, Sweden
Óscar Lázaro	INNOVALIA, Spain
John Lindström	ProcessIT Innovations R&D Centre, Sweden
Andreas Metzger	University Duisburg Essen, Germany (NESSI)
Volker Nestle	Festo AG, Germany
Dolores Ordonez	AnySolution, Spain
Paul Palmer	Loughborough University, UK
Željko Pazin	EFFRA, Belgium
Meike Reimann	Steinbeis-Europa-Zentrum, Germany
Charles Robinson	Thales, France
David Servat	CEA-List, France
Chantal Schoen	Artemis-IA, The Netherlands
Christian Sonntag	euTeXoo GmbH, Germany
Werner Steinhögl	EC
Daniel Stock	Fraunhofer-IPA, Germany
Haydn Thompson	THHINK Wireless Technologies Ltd., UK
Ovidiu Vermesan	SINTEF ICT, Norway (AIOTI)

HOW TO GET THERE

VENUE:

European Liaison Office of the
German Research Organisations (KoWi),
Rue du Trône 98 / 8th floor
B-1050 Brussels



From the Airport Brussels Int. (Zaventem):

- You can take a direct IC train from Brussels Airport to Brussels Luxembourg Station (Bruxelles-Luxembourg/Brussel Luxemburg); 18min; standard ticket 8,60€; Luxembourg Station is in 5 min walking distance to the Kowi
- By taxi: fastest option, approx. 30€

From Brussels South Railway Station (Zuidstation/Gare du Midi):

- Take the metro direction “Simonis (Elisabeth)”; get off at “Trone”, the “Kowi” is in seven minutes walking distance

From Brussels North Railway Station (Gare du Nord/Noordstation):

- Take the metro M3, M4 in direction South Station; change at “Rogier” and take metro M2, M6 in direction Simonis (Leopold II), the “Kowi” is in seven minutes walking distance

- Take a direct train to Luxembourg Station (Bruxelles Luxembourg/ Bruxelles Luxembourg) – 15 minutes

Closest Métro and Bus Stations:

Métro:

- M 2, M6 Get off at “Trone/Troon”

Bus from Trone/Troon Station:

- 38 Heros
- 95 Wiener
- Get off at “Idalie”, the “Kowi” is in two minutes walking distance

Retrieve timetables at STIB-MIVB Brussels: <https://www.stib-mivb.be/index.htm?l=en>

Network Map: http://www.stib-mivb.be/irj/go/km/docs/resource/Plan_tiny/index-en.html

Hotel Options:

- [Sandton Pillows, Place Roupe 17, 1000 Brussels](#)
- [Beford Hotel and Congress Centre, Zuidstraat 135,1000 Brussels](#)
- [The Dominican, Rue Léopold 9,1000 Brussels](#)
- [Scandic Hotel Grand Place, Rue d'Arenberg 18,1000 Bruxelles](#)