

Press Release

FeedNetback Creates New Advisory Board Composed of Leading Research Scientists and Technologists

(Grenoble, 23 Feb 2010) The European Project FeedNetback announces the formation of an Advisory Board to provide strategic direction in its research and development activities.

The FeedNetback project announced today that is creating an Advisory Board with a select group of renowned international scientists and technologists. The Advisory Board is being formed to back the project's pursuits of a novel co-design framework to integrate communication, control, computation and energy management in networked control systems. This initiative reflects FeedNetback's ongoing commitment to significantly advance the state of the art in this domain.

The Advisory Board comprises five leading research scientists and industry experts, each with a significant track record in his field of expertise:

- **Karl Johan Åström**
Emeritus Professor at Lund institute of Technology, Sweden
- **Joseph Sifakis**
Director of Research at the CNRS, Grenoble, France
- **Pierre Rouchon**
Professor at CAS - École des Mines de Paris, France
- **Richard Murray**
Professor of Control & Dynamical systems and Bioengineering, California Institute of Technology, USA
- **Christopher Ganz**
Research Program Manager at ABB Switzerland Ltd

The Advisory Board will actively participate in major technical debates and its advice will be sought on how to strengthen the project's research outputs, and how to achieve excellence and innovation, which are essential factors for creating positive impact to the European economy and society.

"The FeedNetback Advisory Board is a remarkably timely and important initiative," said **Carlos Canudas de Wit**, the co-ordinator of FeedNetback project and director of research at the CNRS, France. "We have now reached a stage in our workplan that important decisions have to be made. We need to ensure that our decisions are very well informed and the decades of experience and perspective in the research and industry offered by each member of our Advisory Board will be an invaluable resource."

"Our newly formed Advisory Board offers a unique opportunity to critically relate, analyse and judge the concepts that the FeedNetback project has been developing in an objective way," said **Costis Kompis** of Vodera who is heading the dissemination and exploitation activities of the project. "We are excited by each and every member's willingness to support FeedNetback in a more formal role and we look forward to working with the Advisory Board members to ensure that the advances in the science and the developments of the technology are more disseminated to a wider spectrum of developer and end-user communities."

The Advisory Board will meet during the FeedNetback Workshop 2010 on 15 Sept 2010 in Annecy, France near the Lake Geneva (feednetback.eu/workshop2010). This will be the second in a series of three annual workshops the FeedNetback will organise. Like last year, the FeedNetback Workshop 2010 will be organised in conjunction with the IFAC Workshop on Estimation and Control of Networked Systems NecSys (necsys2010.inrialpes.fr).

About FeedNetback

FeedNetback is an international research project on networked control systems that is supported by the 7th Framework Programme of the European Commission. The project addresses issues on complexity, temporal and spatial uncertainties, such as delays and bandwidth in communications and node availability. The goal is to enable the development of more efficient, robust and affordable networked control systems that scale and adapt with changing application demands. FeedNetback has been applying a new co-design framework to two test cases characterised by a wide range of requirements: from systems with relatively few, highly mobile nodes, communicating over limited bandwidth and unreliable links (autonomous underwater vehicles); to systems with large numbers of static nodes, with high bandwidth but also strict latency requirements (distributed smart camera surveillance systems).

Note to Editors: If you are interested in viewing additional information on FeedNetback, please visit the project's website at feednetback.eu Web links, telephone numbers and titles were correct at time of publication, but may since have changed. For additional assistance, journalists and analysts may contact:

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