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The FP7 Network of Excellence HYCON2, started in September 2010, is a four-year collaborative project coordinated by CNRS (French National Center for Scientific Research). HYCON2 aims at stimulating and establishing the long-term integration of the European research community, leading institutions and industry in the strategic field of control of complex, large-scale, and networked dynamical systems. The project assesses and coordinates basic and applied research, from fundamental analytical properties of complex systems to control design methodologies with networking, self-organizing and system-wide coordination. HYCON2 has identified several Applications Domains to motivate, integrate, and evaluate research in networked control. These domains are Transportation, Energy, and Biological and Medical Systems. For more information please visit www.hycon2.eu.

Exhibitors



PRINCETON
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Princeton University Press is exhibiting many new textbooks and monographs including *Calculus of Variations and Optimal Control Theory* by Dan Liberzon, *Small Unmanned Aircraft* by Randy Beard and Tim McLain, *Steady Aircraft Flight and Performance* by Harris McClamroch, and *Stability and Control of Large-Scale Dynamical Systems* by Wassim Haddad and Sergey Nersesov. All of our recently published books and most of our backlist titles will be on display as well. Vickie Kearn will be available to answer any questions regarding adopting a textbook or writing a book for Princeton. [↗](#)



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EUCLID is a 2-year support action "Strengthening EU-India collaboration in networked monitoring and control systems technologies" funded by the FP7 Programme of the European Commission. It is implemented by European Embedded Control Institute EECl, Indian Institute of Science, Bangalore, Honeywell Technology Solutions Lab, India and inno TSD, France, and supported by the international expert group (Prof Mathukumalli Vidyasagar, Prof P R Kumar, Dr Tariq Samad, Prof Neeraj Suri, Dr Romeo Ortega, Prof Murthy, Prof Alessandro Astolfi, Prof Arjan van der Schaft ...).☐☐Interested in EU-Indian cooperation in monitoring and control of embedded systems?

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The major objective of the MULTIFORM research project, funded within the Seventh Framework Programme (FP7) of the European Commission, is to enable a seamless integration and interoperability of model-based design and analysis methods and tools in multi-formalism, heterogeneous environments for industrial complex systems design. To this end, a software-based design framework is developed that provides (a) software-based design flow management support from early specification to implementation, (b) tool interoperability by automated model transformations and direct tool interconnections, (c) facilities for the management of design data (including models, parameters, and other documentation) and their interrelations, and (d) new and improved methodologies for control systems design and analysis. The MULTIFORM project is coordinated by the Process Dynamics and Operations Group at TU Dortmund, Germany. The consortium consists of academic partners from Germany (TU Dortmund, RWTH Aachen), The Netherlands (TU Eindhoven, Embedded Systems Institute), France (Universite Joseph Fourier Grenoble), and Denmark (Aalborg University). Two industrial partners from Denmark (KVCA A/S) and Germany (VEMAC) provide direct access to industrial problem formulations and challenges. More information is available at <http://www.multiform.eu>.



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