

EUROBOTICS - European Robotics Coordination Action
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Over the last few years successful coordination activities have been undertaken within the academic and industrial robotics communities (EURON and EUROP), but both communities still struggle with overcoming some remaining gaps: the community-internal gaps of confusion about terminology, sub-optimally coordinated transfer of research visions, technology and people, and the limited coordinated communication with both the general public and professional audiences. This includes the popular science media, European Commission, national funding bodies, and representatives from neighboring technology and market domains, such as cognitive science, mecha-tronics, automotive, aerospace, security, computer vision, embedded control systems. This project's ambition is to create sustainable solutions to all of the above-mentioned gaps, following a policy of targeted stimulation of relevant grass-roots initiatives that both communities have already experimented with during the last couple of years, but that have previously seen little success because of a lack of committed, professional and coordinated support.

The driver behind these stimulations will always be the robotics industry (since its needs for innovation and strong positioning in the worldwide robotics market are greatest), but the academic research community will be heavily involved via a system of flexible, targeted expert contributions whose short-term benefits are easy to identify and communicate. The following activities are planned: improved industry-academia cooperation by giving more structure to commonly organized events (administration, annual meetings, web portal on Robotics in Europe, advanced training, road mapping, and entrepreneurship advocacy) and by coordinated communication to the general public (press releases, visibility at major robotics events worldwide, robotics competitions related to the shared research and development roadmap, layman's explanation of robotics technology in combination with semantic search support on the web portal).

Coordinator

KUKA ROBOTER GMBH (Germany)

Other participants

UNIVERSITA DEGLI STUDI DI NAPOLI FEDERICO II

GPS GESELLSCHAFT FUR PRODUKTIONSSYSTEME GMBH (Germany)

R.U.ROBOTS LIMITED (United Kingdom)

COMMISSARIAT A L' ENERGIE ATOMIQUE (France)

EUNITED AISBL (Belgium)

FUNDACION FATRONIK (Spain)

KATHOLIEKE UNIVERSITEIT LEUVEN (Belgium)

TECHNISCHE UNIVERSITAET MUENCHEN (Germany)

ALENIA AERONAUTICA SPA (ITALY)

FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN
FORSCHUNG E.V (Germany)

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