



FP6-507728

EURON

European Robotics Network

Network of Excellence
Information Society Technologies

DR.12.1
Joint Activities

Due date of deliverable: 30/4/2005

Actual submission date: 15/6/2005

Start date of project: May 1st, 2004

Duration: 48 months

Organisation name of lead contractor for this deliverable:

FhG-IPA

Revision: final

Dissemination Level: PU

EURON: The European Robotics Research Network

What is Euron?

... A network of excellence under the 6th Framework Programme (FP6) funded as part of the Information Society Technologies (IST) Future and Emerging Technologies (FET) programme on "Beyond Robotics".

Objectives

...to implement and maintain a Network of Excellence that allows coordination of research, teaching and education, academic-industry collaboration, and publications and conferences in the area of robotics throughout Europe.

Key-Areas

- Research Coordination (R. Dillmann and A. Pobil)
- Education and Training (A. Casals and R. Siegwart)
- Industrial Links (M. Hägele and E. Prassler)
- Dissemination (B. Siciliano and F. Groen)



EURON: Actions and Deliverables

Industrial Links	Deliverables
WP 12: Liaison with industrial organisations	Contribution to statistics/forecasts/ foresights in annual publications (World Robotics yearbook)
WP 13: Industry workshops	Biennial two-day workshop series: <ul style="list-style-type: none"> • “Robot Industries Meet Robotics Research” • „Robot Automation Industry Meets Robotics Research“
WP 14: Industrial White Paper	White paper (update) “Industrial Robot Automation” White paper (update) on “Service Robotics”
WP 15: Technology Transfer Award	Award ceremony
WP 16: „Yellow Pages“	Agreement with EUnited Robotics on a joint robotics portal

The First EURON/erf Technology Transfer Award, 2004

Industrial
Sponsors



Rexroth
Bosch Group

FANUC Robotics
Perpetual Motion

GÜDEL



REIS
REIS ROBOTICS

Presenter	Affiliation	Application
Francesco Cepolina	Univerisity of Genova DIMEC-PMAR, I	Self adaptable robotic clamp with flexible elements
Joachim Hertzberg	Fraunhofer AiS, D	KURT3D –Fast indoor/outdoor robot platform for 3D exploration and mapping
Martin Otter 1	Institute of Robotics and Mechatronics (DLR), D	High Performance Industrial Robots – The DLR-KUKA Success Story
Olivier Michel 2	Cyberbotics Ltd.; CH	Webots™ fast prototyping and simulation software for mobile robotics
Frank Beeh 3	University of Karlsruhe IPR; D	A robot system for seat test applications
Mateo Zoppi	Univerisity of Genova DIMEC-PMAR, I	Development of a smart robotic reconfigurable prehensor for limp materials grasping and handling.



The Second EURON/EUnited Robotics Tech-Transfer Award

Purpose To enhance excellence in applied research and to raise the profile of technology transfer between research and industry.

Mission Outstanding innovations in robot technology and automation that result from cooperative efforts between research and industry will be honored. A total of €6,000 will be awarded as well as signed certificates.

- Subject Areas**
- Robot applications
 - Robot developments
 - Development of robot components

The Second EURON/EUnited Robotics Tech-Transfer Award

The Jury	Thilo Brodtmann (VDMA, EUnited Robotics, D) Henrik Christensen (KTH, EURON, S) Ralf Koepppe (KUKA-Roboter, D) Martin Hägele (IPA, EURON key area „Industrial Links, D) Gisbert Lawitzky (Siemens, D) Roland Siegwart (EPFL, CH)
Industrial support	Cost Split EURON/EUnited Robotics (€ 6000/6000)
Deadline	Jan. 15 th , 2005
Response	> 10 applications, 5 applications selected as “finalists”
Ceremony	EURON Annual Meeting, Warsaw, Feb.16 th , 2005
Media Coverage	Journalist to attend the meeting/ceremony, English press-release distributed via dpa.

Reaching out to Industry

Plans for a Tech-Transfer Initiative Euron II	University/ Research to locally reach out to industries in workshops: <ul style="list-style-type: none"> • Manufacturing automation • Use of robot technology • Develop robotic products
Benefit	Create local/personal ties Tech-transfer projects Long-term partnerships
Example	Wittenstein Workshop (Nov. 03) <ul style="list-style-type: none"> • Lectures on service robot technologies, application • Hands-on-experience with LEGO- Mindstorm kits • Evening presentation • Discussions with employees

