

ROBOSKIN partners

Università di Genova, Italy
(Coordinator)

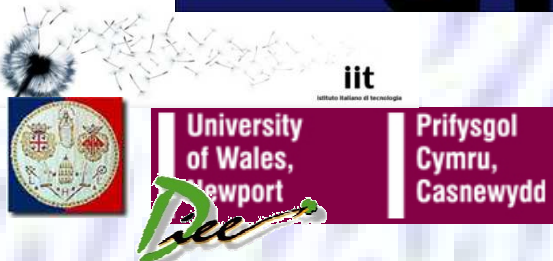
Ecole Polytechnique Fédérale de
Lausanne, Switzerland

Istituto Italiano di Tecnologia, Italy

University of Hertfordshire, UK

University of Wales Newport, UK

Università di Cagliari, Italy



Contact:

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Contract data:

Project Start Date: May 1st, 2009

Duration: 36 months

ROBOSKIN is funded by European
Commission under the VII Framework
ICT Programme



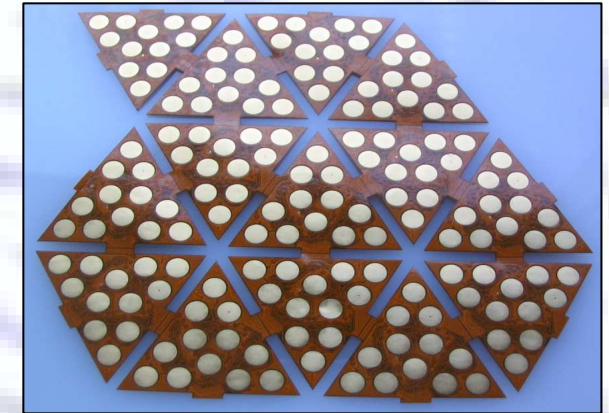
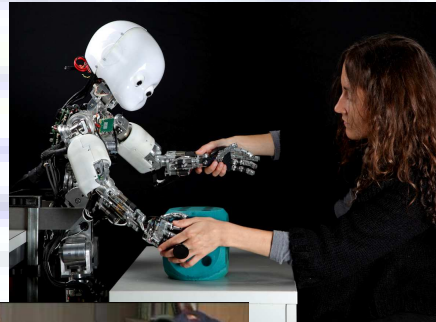
**Skin-based Technologies
and Capabilities for Safe,
Autonomous
and Interactive Robots**



<http://www.roboskin.eu>

ROBOSKIN targets

- ❖ to explore technologies for endowing robots with an artificial sense of touch
- ❖ to develop robot skin prototypes
- ❖ to apply the skin to different robot platforms: ICub, KASPAR, Nao and others
- ❖ to investigate specific, skin-based interactive tasks
- ❖ **NEW!** to make the skin available for other robotic projects through a "Call for Prototypes" (check project website from May 2010)



ROBOSKIN tech

- ❖ capacitive sensors
- ❖ piezoelectric materials
- ❖ organic semiconductors

ROBOSKIN focus

- ❖ skin and tactile based behaviours
- ❖ skin-based programming by demonstration
- ❖ skin-based robot assisted play

