Adaptive Modular Architectures for Rich Motor Skills

Research packages
- Human Motor Primitives
- Compliant Systems
- Morphological Computation
- Adaptive Modules
- Learning
- Control Architectures
- Robotic Experimentation

Objectives
- Qualitative jump in robotic motor skills
- Compliant motion and morphological computation
- Learning and adaptation within modules
- Robotic experimentation in real world scenarios

Impact
- Rich motor skills and compliance will enable robots to blend seamlessly in our society. Robots will help and interact with people in everyday tasks moving naturally and safely.

Open source outcomes
- Quadruped robot
- Complaint extension to iCub
- Software for learning architectures

Cognitive Systems, Interaction, Robotics
Information and Communication Technologies
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from biology
to robots

Open source outcomes

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