A Robotic Sense of Movement

Fact Sheet

Project Information

RoboSOM

Grant agreement ID: 248366

Funded under
Specific Programme "Cooperation": Information and communication technologies

Total cost
€ 2 170 862,00

EU contribution
€ 1 659 000,00

Coordinated by
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA
Italy

Project description

Cognitive Systems and Robotics
New design model based on the human sense of movement
The objective of RoboSOM is to investigate and to apply new approaches to the design and development of humanoid robots with advanced perception and action capabilities, showing robust, adaptive, predictive and effective behaviour in the real world. The expected robot behaviour is the capability to follow a visual target by coordinating eye, head, and leg movements, with head stabilization, walking smoothly and effectively in an unstructured environment, with a robust reactive behaviour, improved by predictions.
Fields of science

engineering and technology > electrical engineering, electronic engineering, information engineering > electronic engineering > robotics > autonomous robots

Programme(s)

FP7-ICT - Specific Programme "Cooperation": Information and communication technologies

Topic(s)

ICT-2009.2.1 - Cognitive Systems and Robotics

Call for proposal

FP7-ICT-2009-4
See other projects for this call

Funding Scheme

CP - Collaborative project (generic)

Coordinator Contact

Coordinator

SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA

Address
Piazza martiri della liberta 33
56127 Pisa
Italy
Participants (5)

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS
France
EU contribution
€ 349 400,00
Address
Rue michel ange 3
75794 Paris
Region
Ile-de-France > Ile-de-France > Paris
Administrative Contact
Yurii Riabykin (Mr.)
Links
Contact the organisation Website

WASEDA UNIVERSITY
Japan
EU contribution
€ 300 500,00
Address
1-104 totsuka machi, shinjuku-ku
169-8050 Tokyo
INSTITUTO SUPERIOR TECNICO

Portugal

€ 390 798,00

Avenida rovisco pais 1
1049 001 Lisboa

Region

Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type

Higher or Secondary Education Establishments

Aurelie Caulier (Ms.)

Website

Université Paris Diderot-Paris 7

France

€ 0,00

Rue thomas mann
F-75205 / 13 Paris

Activity type

Higher or Secondary Education Establishments

José Santos-Victor (Prof.)

Contact the organisation

Website
COLLEGE DE FRANCE

France

EU contribution

€ 0,00

Address

Place marcelin berthelot 11
75005 Paris

Region

Ile-de-France > Ile-de-France > Paris

Administrative Contact

Bruno Jeanne (Mr.)

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