



European SMEs Robotics Applications

ESMERA Partner self-description

PARIS-SACLAY Competence Centre hosted by CEA LIST.

CEA LIST is a research institute of 700 people situated in Ile-de-France (Paris region) specialized in *smart digital systems*, which combines basic and industrial researches, developments and innovations.

CEA LIST is a dynamic structure, mainly financed by industrial contracts. The project-based culture of its scientists, engineers and technicians makes it a natural partner for industry seeking breakthrough technology, from the initial concept down to working demonstrators.

The Paris-Saclay Competence Centre is located within the premises of CEA LIST's Interactive Robotics Laboratory and provides a set of robotics equipment, software, and IT infrastructure usable for feasibility studies and demonstration in a large number of application domains including Healthcare (rehabilitation, surgery, assistive robotics), Manufacturing, Logistics, Security, Transport, Intervention in hazardous environment, Agro industries (food processing), Field robotics.

The Paris-Saclay Competence Centre is connected to national initiatives for manufacturing in France (automotive, aeronautics, ship building, etc.).

Especially in the scope of the ESMERA project the platform FFLOR (Future Factory @ LORraine) in the East region in France will be also available. This platform is located in PSA Trémery near Metz.

The Paris-Saclay Competence Center is aiming at hosting applied developments for SMEs and large groups from the manufacturing industry.

The Paris-Saclay Comptence Center offers the following services:

- Consultancy
- Technological expertise
- Advices on the management of intellectual property rights
- Assistance to technology transfer
- Advices on how to deal with ethical, legal and societal issues in robotics
- Knowledge exchange workshops on robotics related issues
- Robotics experimenting, testing and proof of concept
- Training on various types of robots