



**FUTURE DIRECTIONS OF RESEARCH  
ON FACTORY AUTOMATION**

**CARDIFF**

**JUNE 25<sup>th</sup>, 2009**

**10.30 – 17.00 HOURS**

**Room 1.40, Bute Building (Conference venue)**

*Supported by:*



**INDIN 2009**  
*"Innovation in Production  
Machines and Systems"*





SOCRADES (Service-Oriented Cross-layer inFRAstructure for Distributed smart Embedded devices) is a European research and advanced development project, part of the Information Society Technologies (IST) initiative of the 6th Framework Programme of the European Commission.

Since manufacturing plays a vital role in economy and society, remaining fundamental to creating stable employment, the adoption of manufacturing innovations is needed in order to promote performance improvement of European manufacturing processes.

In this context, the primary objective of the SOCRADES project is to develop a design, execution and management platform for next-generation industrial automation systems, exploiting the Service Oriented Architecture paradigm both at the device (i.e. PLC, etc.) and at the business application level (i.e. ERP, etc.).

SOCRADES consortium is made up of 15 partners from 6 European countries. It is led by Schneider Electric and includes the major European players in the industrial automation sector.

***Within SOCRADES a Technology Roadmap is being developed. Its aim is to provide stakeholders (policy-makers, industry and research) with a vision on future technological research needed, in SOCRADES domain, in order to address challenges coming from industry.***

To consolidate and to improve the output of the roadmapping activity, “SOCRADES Roadmapping Workshop”, associated to IEEE INDIN 2009, will be held on June 25<sup>th</sup> in Cardiff.

The participation at the workshop is by invitation only. If you wish to participate or to have more information, please send an email to [alessandro.cannata@polimi.it](mailto:alessandro.cannata@polimi.it)

### ***Objectives of the workshop***

The objective of the workshop is to assess the market relevance of SOA-based Industrial Automation Systems and to identify future directions of research on factory automation from SOCRADES perspective.

Starting from the latest version of SOCRADES Technology roadmap, the workshop will aim at:

- 1. Evaluation of acceptance and use of “SOCRADES” technologies (vision on market, etc.)**
- 2. Identification of new Technology features (or research topics)**
- 3. Prioritization of Technology features**

***[www.socrades.eu](http://www.socrades.eu)***