



European Clearing House for Open Robotics Development Plus Plus

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## **Echord++ How can you all benefit from it?**

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European Robotics Forum

Wien, 12.3.2015

Reinhard Lafrenz

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Bristol Robotics Laboratory



# What is ECHORD++

- FP7 project where you can participate
- Based on the success of ECHORD (2009-2013)
- 7 initial partners.

**RUROBOTS**  
Cognitive Science at Work

**brl**  
Bristol Robotics Laboratory

DE LA RECHERCHE À L'INDUSTRIE  
**cea**

**BLUE OCEAN ROBOTICS**  
- for humans

**TUM**

SCUOLA SUPERIORE SAN ANTONIO  
• PISA •

**UPC**

# ECHORD++ Instruments

ECHORD++ will stimulate the interaction between robot manufacturers, researchers and users.

This goal will be achieved by implementing three different instruments:



**Experiments**



**Robotics  
Innovation  
Facilities  
(RIF)**



**Public end-user  
Driven  
Technological  
Innovation (PDTI)**

# ECHORD++

## Instruments



**Experiments**



**Robotics  
Innovation  
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(RIF)**



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# Experiments

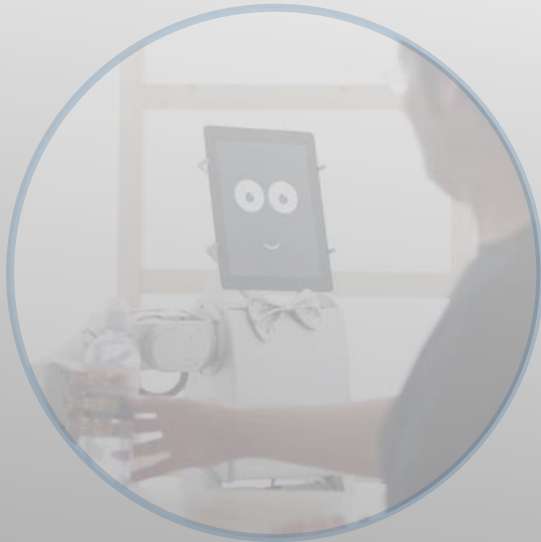
Small to medium sized **scientific research and/or technology development** projects with a clear focus on generation of impact

- Funding ~ 300k€ per experiment
- Duration up to 18 months
- Small consortia, typically 2-3 partners
- No need for 3 different countries
- Next call open late April/May 2015
- **Deadline approx. end of June 2015**
- **Main benefits:**
  - Funding ;-)
  - Being integrated in a big network
  - Support for impact generation, exploitation, dissemination through joint activities and clear guidelines



# ECHORD++

## Instruments



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## Robotics Innovation Facilities (RIF)

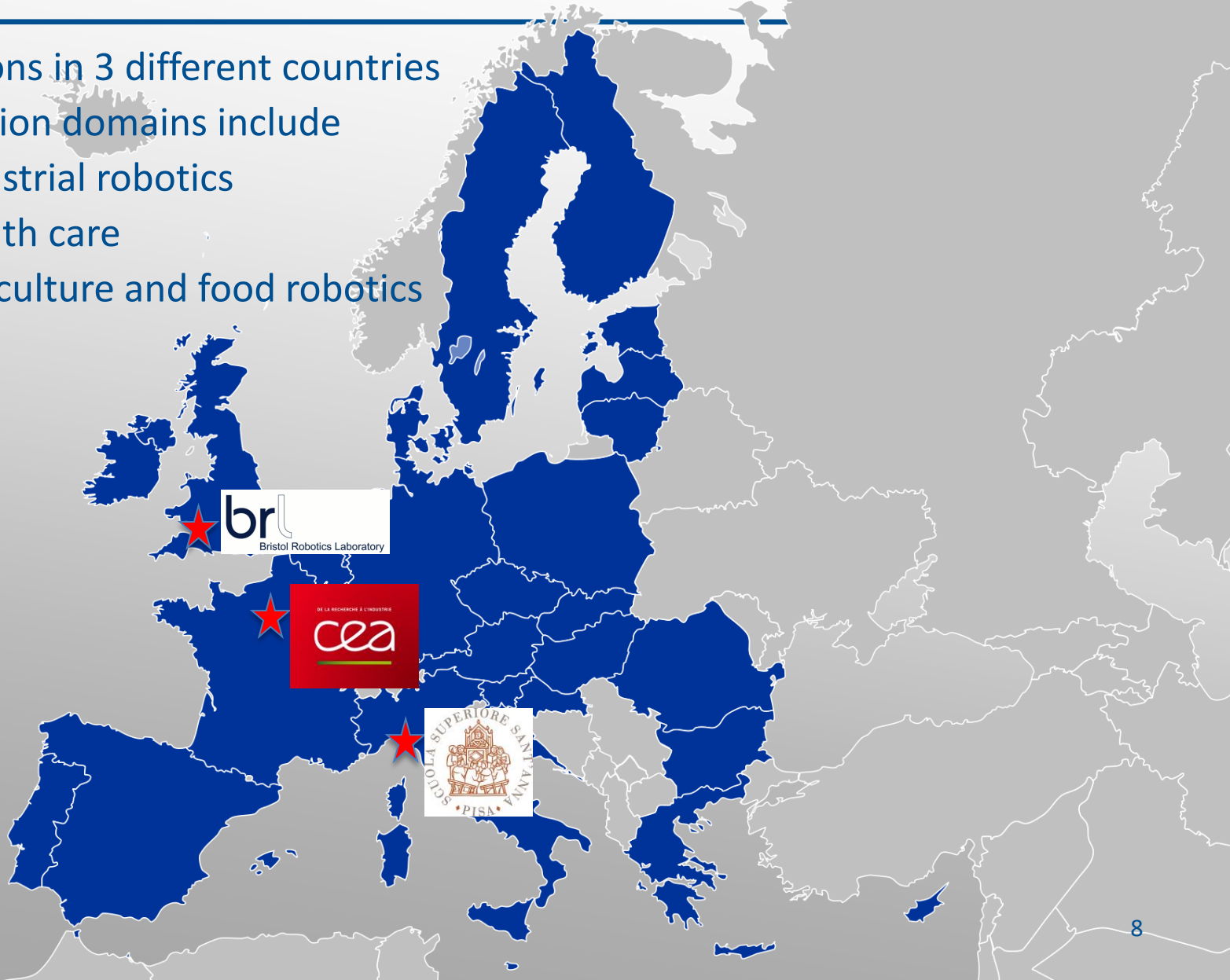
The purpose of the RIFs is:

- To be a **living lab**
- To serve as a **test-beds** for E++ experiments
- To be **central and sustainable showrooms** for the general public

- **Main benefits:**
  - Easy access to HW and expertise
  - Networking and dissemination opportunities
  - No need to become partner in consortium to get engaged

# RIF locations

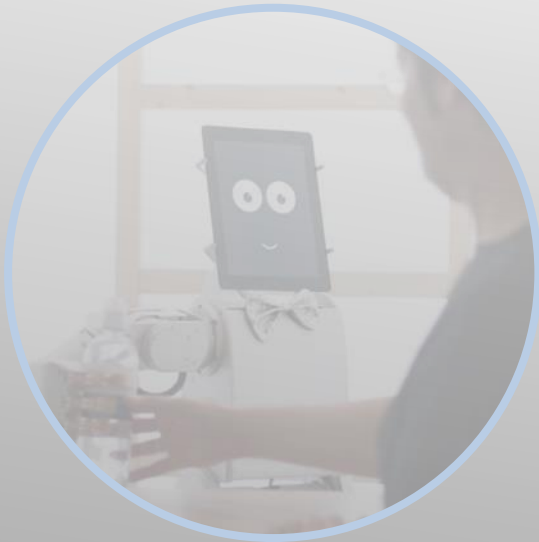
- 3 locations in 3 different countries
- Application domains include
  - Industrial robotics
  - Health care
  - Agriculture and food robotics
  - ...





# ECHORD++

## Instruments



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# PDTI activities within E++

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Open call for R&D consortia to develop system according to challenge descriptions in two scenarios:

## Healthcare

Comprehensive Geriatric Assessment

## Urban Robotics

Sewer Inspection

## Objectives

- Finding the ideal way of integrating public bodies in the development of robotics technology.
- Test the selected solutions in the scenarios.

Deadline for R&D proposals: 14.3.2015

See [www.echord.eu/pdti/pdti-call](http://www.echord.eu/pdti/pdti-call)

# Outreach and dissemination activities

- **Main benefits:**
  - Project-wide dissemination activities with high visibility, e.g. AUTOMATICA, focused workshops at conferences, etc.
  - Direct networking among experiments, RIF users, and PDTI activities
  - Interaction with other initiatives and projects



Thank you.

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*Get engaged!*

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

The ECHORD Plus Plus Consortium acknowledges support by the European Commission under FP7 contract 601116.