



# ECHORD RSS 2013 Workshop

- The Clearing House effect on Robotics

28.06.2013  
Berlin

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European Clearing House  
for Open Robotics Development  
[www.echord.info](http://www.echord.info)



# ECHORD experiment proposals.

ECHORD held 3 calls for experiments

- duration from 12 to 18 months and budget around €300.000

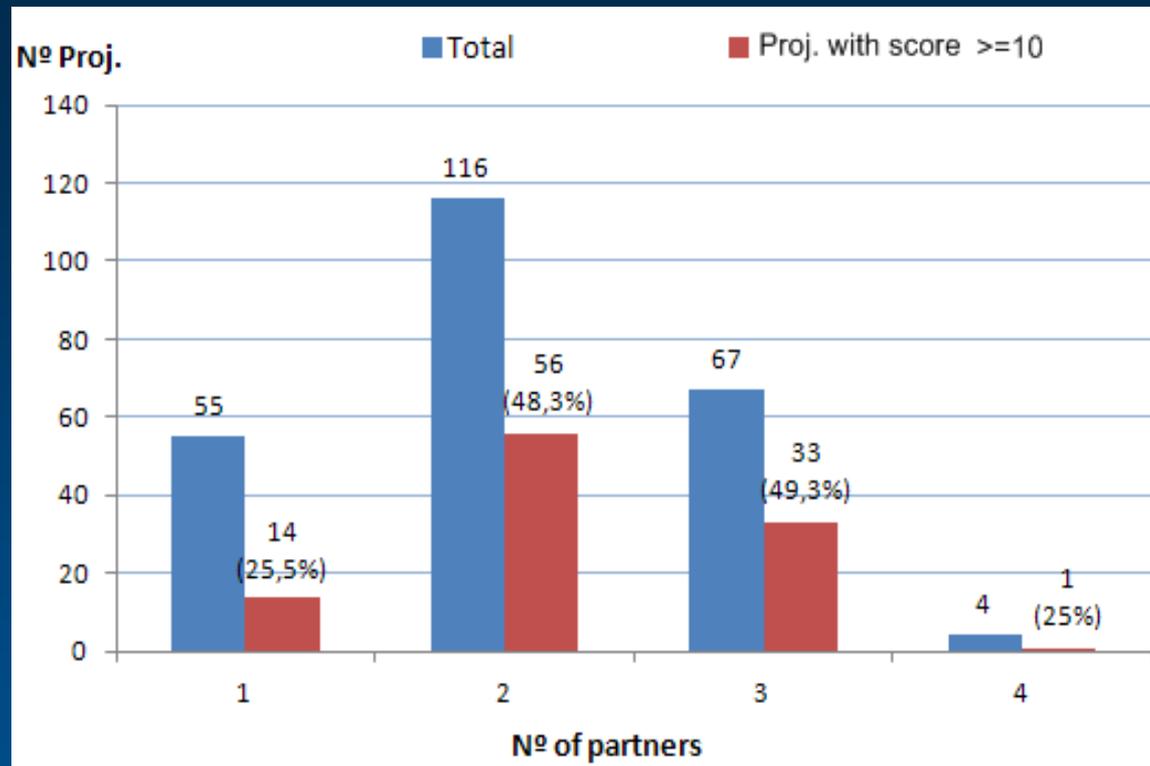
Resulted in:

242 ECHORD proposals, 509 proponents, 264 institutions and 26 countries.

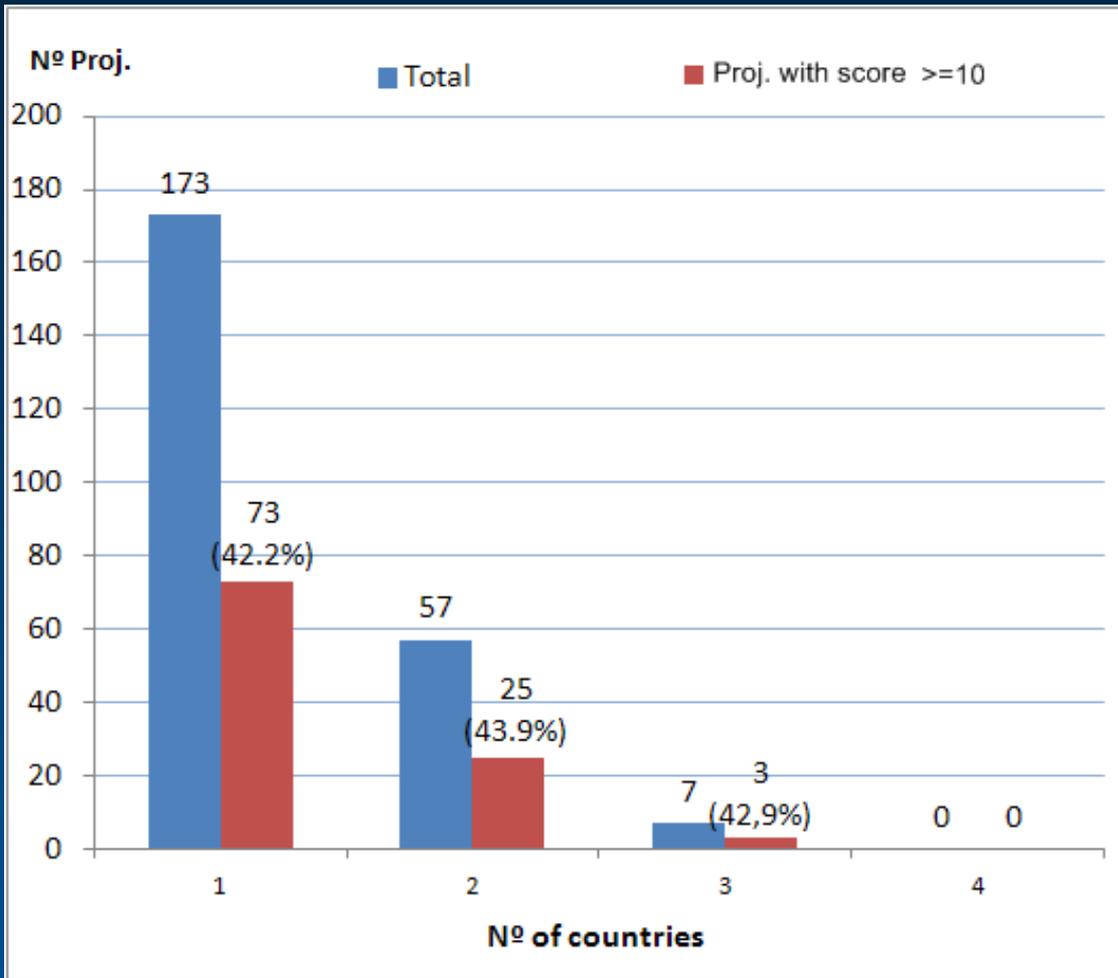
Experiment reviews

- made by at least 2 independent experts that classified (0-5)
  - (1) scientific and/or technological excellence,
  - (2) the quality and efficiency of the implementation
  - (3) the potential impact through the development, dissemination and use of project results.

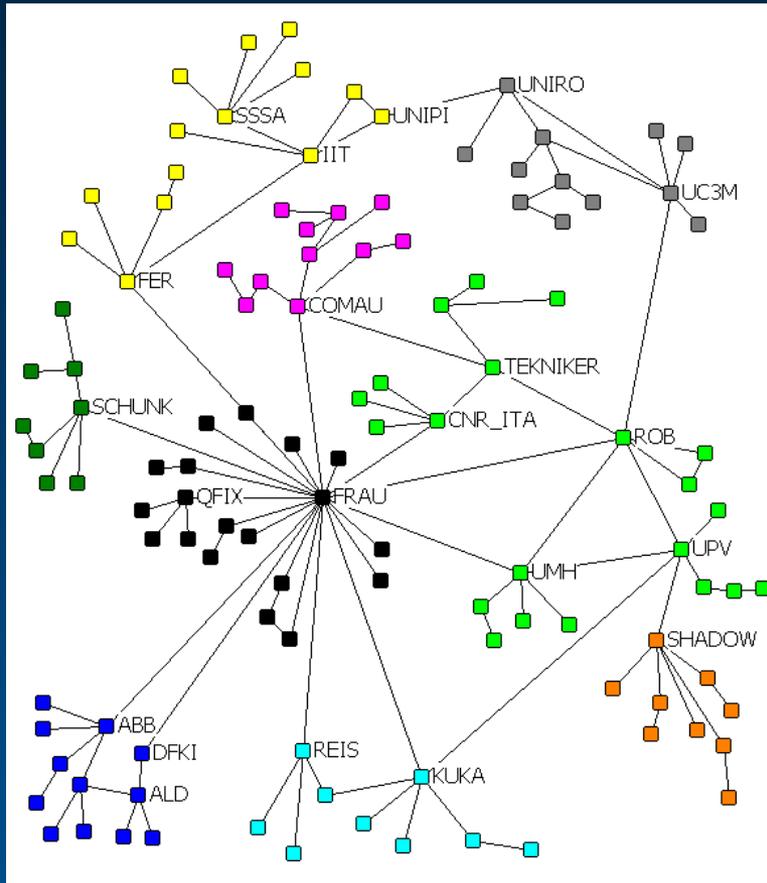
# Distribution of projects per number of partners.



# Distribution of projects per number of countries.

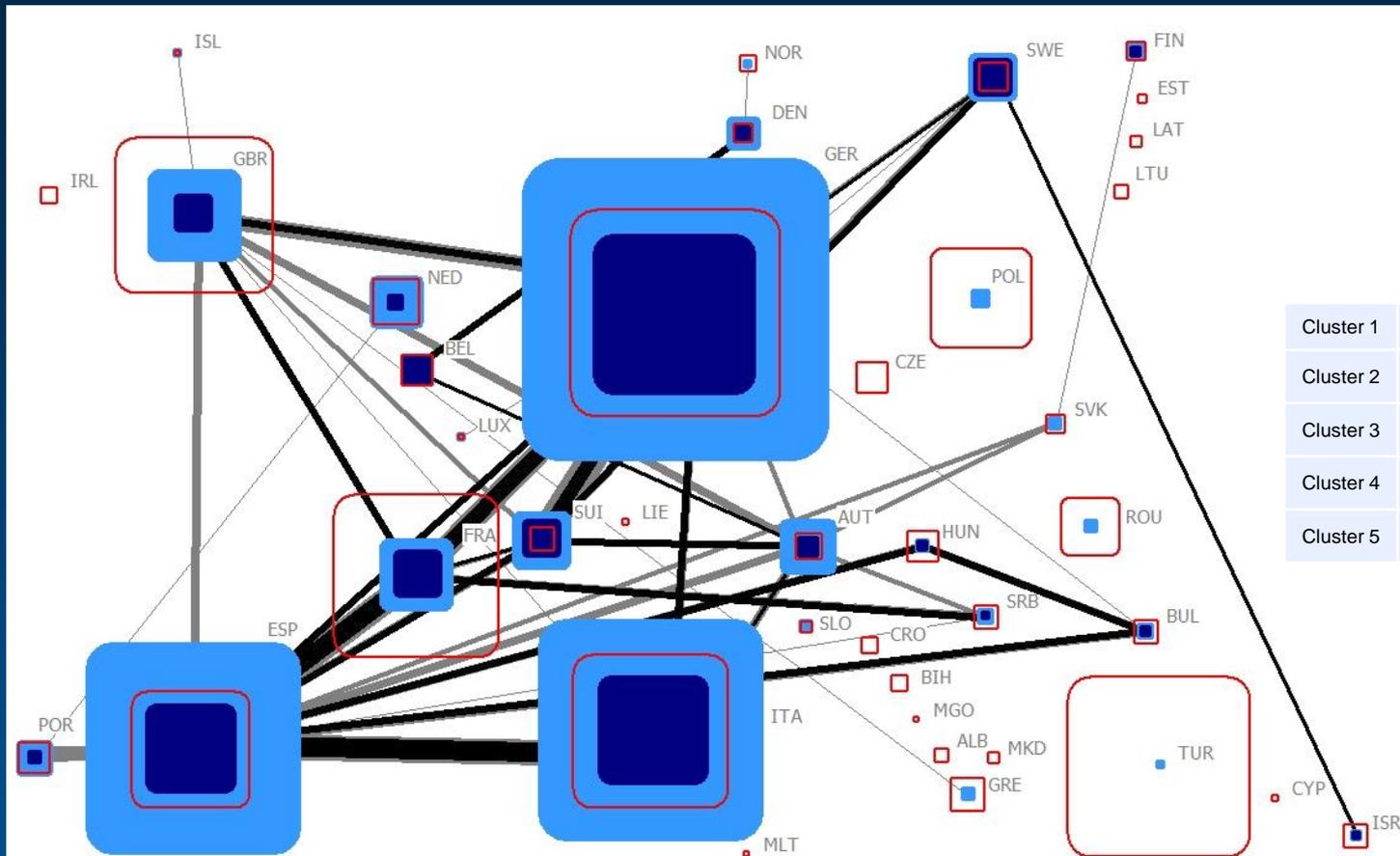


# Institution-level co-authorship and clustering



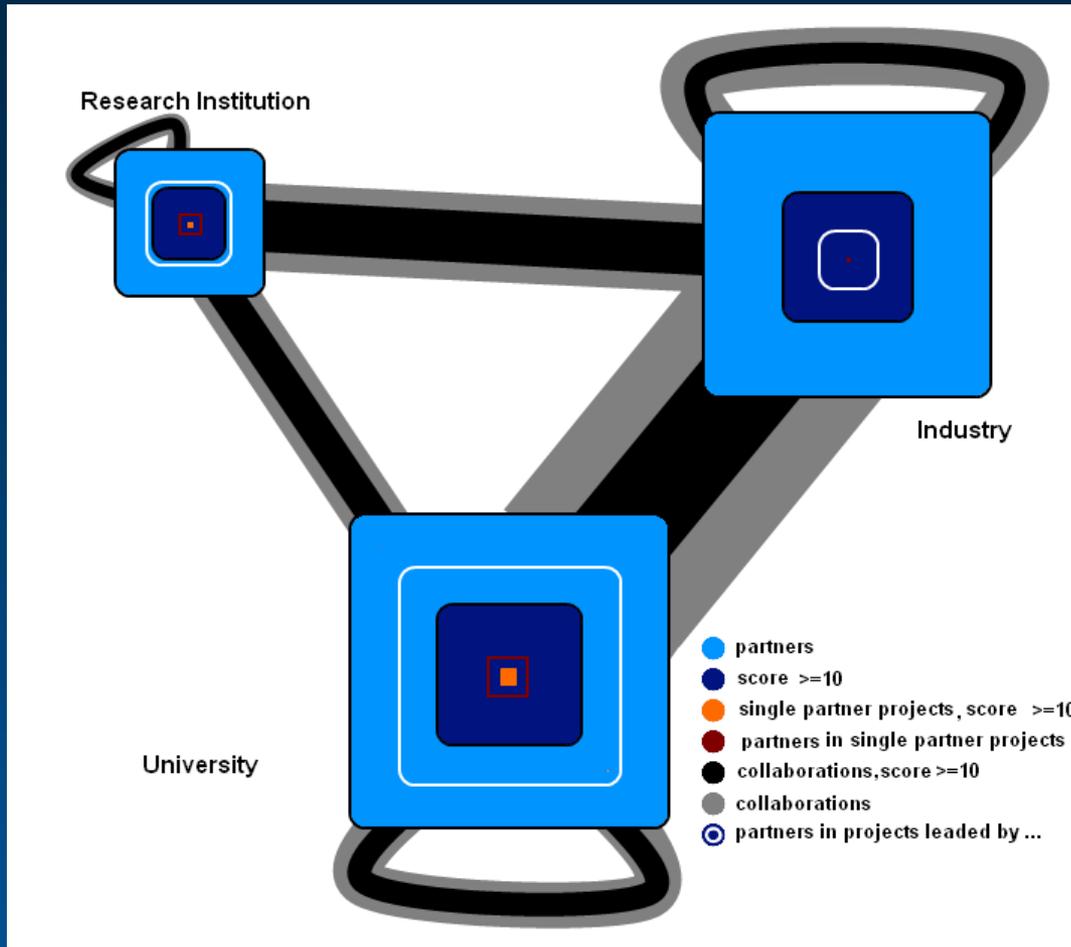
Rank	Institution	N° prop.
1	Fraunhofer Institute	23
2	Shadow Robotics	10
2	Robotnik	10
4	Fer Robotics	8
5	ABB	7
5	Scuola Sup. Sant'Anna	7
5	Univ. Poli. Valencia	7

# Geographic distribution of ECHORD experiment proponents

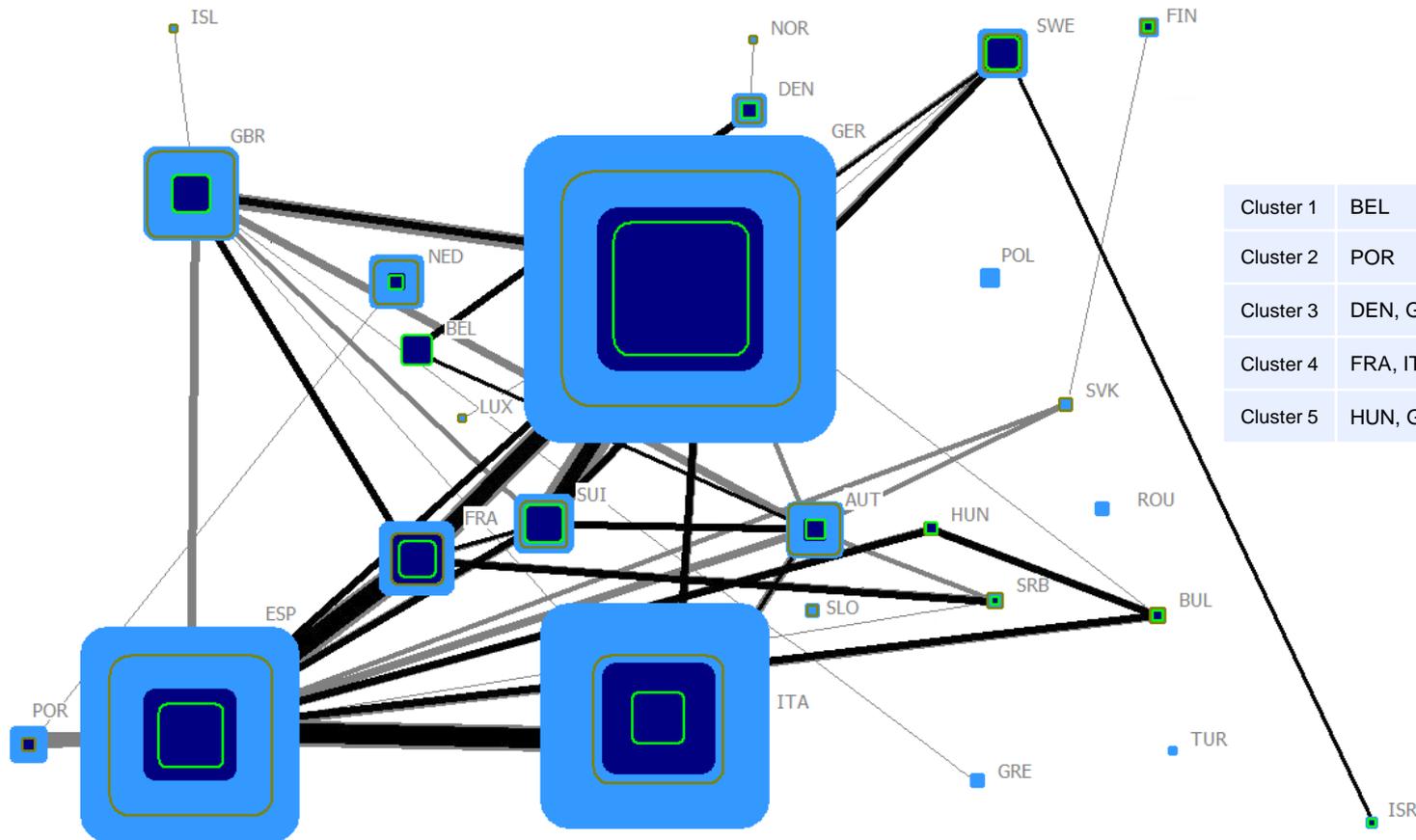


Cluster 1	BEL, SWE
Cluster 2	GER, ITA
Cluster 3	DEN, ESP, AUT, SUI
Cluster 4	NED; GBR, FIN, POR
Cluster 5	FRA, HUN, SRB, BUL, ISR

# Partner type distribution in ECHORD



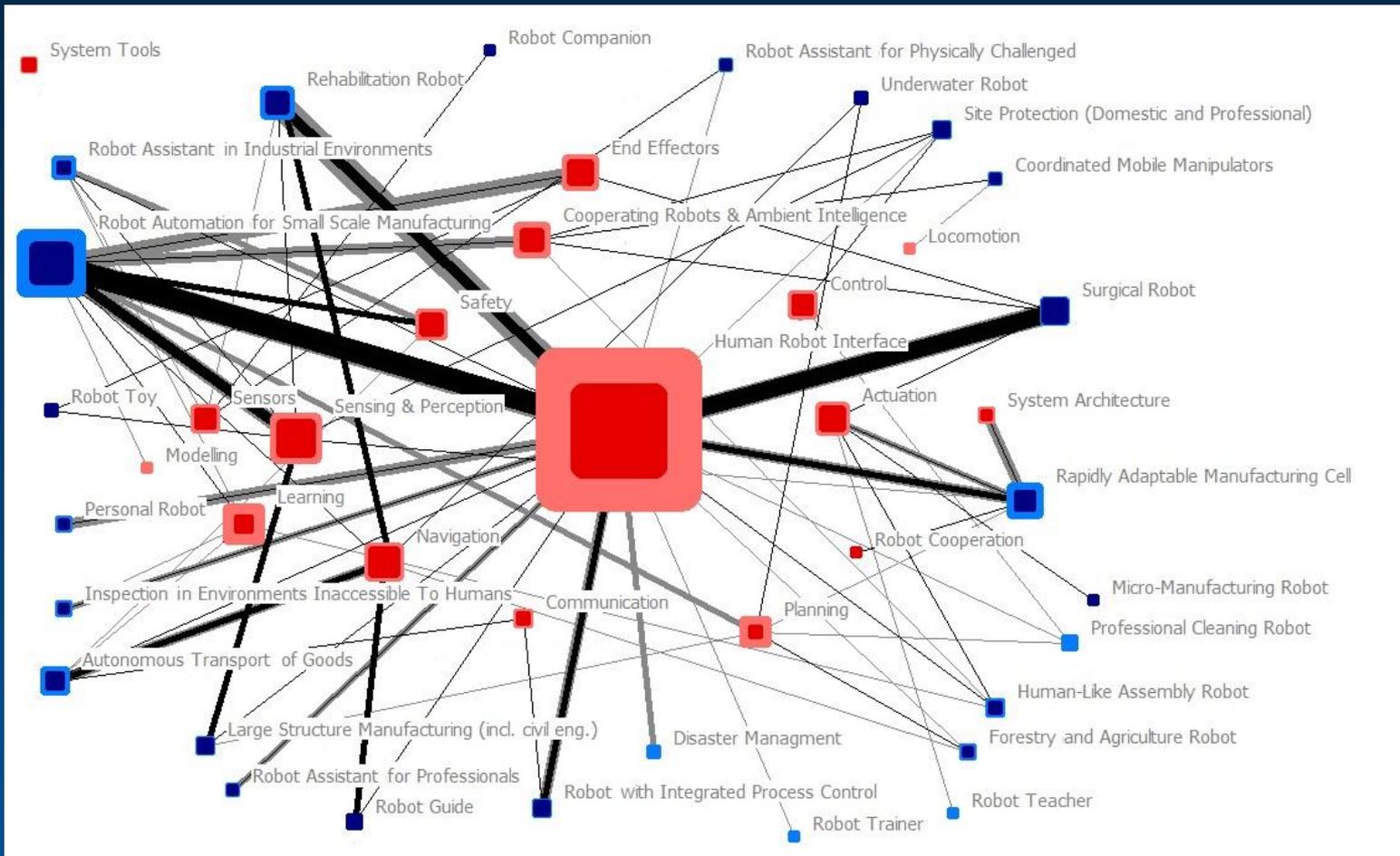
# ECHORD report.



Cluster 1	BEL
Cluster 2	POR
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- participants
- participants with score >=10
- part. in projects with industry-academia cooperation
- part. in projects with industry-academia cooperation and score >=10
- partnerships
- partnerships with score >=10

# Network of SRA Technologies and application topics.



# Paper

- The ECHORD project proposals analysis — Research profiles, collaboration patterns and research topic trends

Germano Veiga, Cristovão Silva, Ricardo Araújo, Norberto Pires and Bruno Siciliano

- To be publish in Expert Systems with Applications - An International Journal (Elsevier)