

# 1<sup>st</sup> Call for Proposals within the ERA-NET

## CHIST-ERA

(European Coordinated Research on Long-term  
Challenges in Information and Communication Sciences  
and Technologies)

on

“Quantum Information Foundations and Technologies”

and

“Beyond Autonomic Systems – the Challenge of  
Consciousness”

**Call deadline: 5th November 2010 (17:00 GMT)**

For further information visit <http://www.chistera.eu>

or contact

CHIST-ERA Call Secretariat

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## 1 Introduction

### 1.1 CHIST-ERA in brief

CHIST-ERA stands for „European Coordinated Research on Long term Challenges in Information and Communication Sciences & Technologies ERA-Net”, nicknamed CHIST-ERA after the popular Basque pelota racket.

CHIST-ERA is a coordination and co-operation activity of the partner agencies in order to reinforce the transnational collaboration between member states in challenging multidisciplinary research in the area of Information and Communication Sciences and Technologies (ICT) with the potential to lead to significant breakthroughs. The project aims at creating the appropriate conditions to maintain and reinforce Europe's ranking in the very competitive area of long term transformative research ICT by preparing the future competitiveness of European partners (universities, research institutes, SMEs...). Indeed, ICT is not only a challenging scientific area but also plays a key role in the European economy and for our society. Several studies indicate that the ICT account for 50% of Europe's economic growth.

The ICT FP7 programme has currently articulated around seven challenges complemented by horizontal support actions and by the FET programme, which defines itself as a "pathfinder for future information technologies". In this framework, the CHIST-ERA project aims at leveraging the FET initiative and targets a domain covering the whole scope of the FET programme, that is, any domain in long term ICT transformative research matching the proactive actions as well as the "FET Open" objectives.

Within CHIST-ERA, the partner agencies identify emergent scientific fields allowing European researchers to engage in high risk, high impact projects that will bring some advance with respect to their competitors by launching each year one or two transnational calls for

proposals. The idea is to sustain, consolidate and reinforce European capabilities in certain domains by joining efforts at the national and European level with the objective that the sum of efforts will generate a significant amplification of the research outputs that would not be possible by having only uncoordinated national programmes.

CHIST-ERA is funded by the European Union within the ERA-Net scheme of the Seventh Research and Technological Development Framework Programme (FP7).

## 1.2 The Consortium

The CHIST-ERA Consortium brings together national organisations from Member States of the European Union or Associated States, each running a programme addressed to its respective national research community in Information and Communication Sciences and Technologies (ICT). The national programmes run by the partners are of comparable size and focus and together cover a significant part of the ongoing research on ICT.

As part of the project, the CHIST-ERA members invite new national funding agencies/ministries to join the Consortium and to participate in all or part (e.g. a joint transnational call) of the activities of CHIST-ERA; in particular, organisations in the New Member States of the European Union and the future Accession States.

The Consortium is coordinated by the French National Research Agency (ANR - Agence nationale de la recherche) and involves both the policy maker level, owning the programmes, as well as the agencies managing the programmes. Having these two types of partners on board is an essential asset for the effectiveness of the Consortium and its capability to make decisions. CHIST-ERA partners achieve a more than critical mass, representing 80% of the total European activities in the field.

The Consortium of CHIST-ERA meets directly the objective of the ERA-Net scheme: "to step up the co-operation and coordination of research activities carried out at national or regional level, through the networking of research activities, including their mutual opening and the development and implementation of joint activities".

CHIST-ERA Partners states are

France	<a href="#">French National Research Agency</a> (ANR)
United Kingdom	<a href="#">Engineering and Physical Sciences Research Council</a> (EPSRC)
Italy	<a href="#">Italian Ministry of Education, University and Research</a> (MIUR)
Spain	<a href="#">Ministry of Science and Innovation</a> (MICINN)
Germany	<a href="#">Federal Ministry of Education and Research</a> (BMBF), <a href="#">Project Management Agency</a> (PT-DLR)
Ireland	<a href="#">Irish Research Council for Science, Engineering and Technology</a> (IRCSET)
Austria	<a href="#">Austrian Science Fund</a> (FWF)
Poland	<a href="#">Polish National Centre for Research and Development</a> (NCBiR)
Switzerland	<a href="#">Swiss National Science Foundation</a> (SNSF)
Belgium joins the first call as an Associate member	
Belgium	<a href="#">Fonds de la Recherche Scientifique</a> (FNRS)

## 2 Aims and Scope of the Call

The CHIST-ERA initiative is looking for highly innovative and multidisciplinary collaborative projects in information and communication sciences and technologies. Thus CHIST-ERA is open to new ideas and original solutions, involving interdisciplinary skills in order to strengthen a broader community in the merging of their understanding and their questioning.

In addition, the transformative research done in CHIST-ERA will explore new topics with potential for significant scientific and technical impacts.

In this first call, two topics are addressed, namely “Quantum Information Foundations and Technologies” and “Beyond Autonomic Systems – the Challenge of Consciousness”.

### 2.1 Quantum Information Foundations and Technologies (QIFT)

#### Target outcome

Projects should address one or more of the following topics:

1. Quantum information theory, algorithms and paradigms: new fundamental understandings, new methods (e.g., quantum optimal control, quantum feedback), new quantum algorithms, computation paradigms and communication protocols;
2. Scalability of quantum processing systems: devices realizing quantum algorithms with up to ten qubits, demonstration of fault tolerant computing and error correction on small scale systems;
3. Long distance quantum communication: technologies able to overcome the current distance limitation of quantum communication, e.g., by developing quantum repeaters realizing reversible interconversion of different qubits types;
4. Entanglement-enabled quantum technologies exploiting several qubits for performing ICT tasks with unprecedented characteristics (e.g., improved atomic clocks, entanglement enhanced metrology, magnetometry, sensing and imaging), quantum simulators, quantum state engineering.

#### Expected impact

Funded projects are expected to significantly advance the state-of-the-art of the QIFT field by achieving one or more of the following objectives:

1. Develop a deeper fundamental understanding of the quantum nature of information;
2. Enable the scalability of quantum information technologies in the presence of environmental decoherence, hence facilitating their real-world deployment;
3. Develop reliable technologies for the different components of quantum architectures;
4. Identify new opportunities fostered through quantum technologies and the possible ways to transfer these technologies from laboratories to industries,
5. Enhancing interdisciplinarity in crossing traditional boundaries between disciplines in order to enlarge the community involved to tackle these new challenges.

### 2.2 Beyond Autonomic Systems – the Challenge of Consciousness (BASCC)

There are no generally accepted scientific definitions of consciousness. Different research communities and disciplines have a variety of working definitions and understandings of the meaning of this term, and indeed even within a single discipline the meaning of the terms provokes debate. Rather than attempt to define “consciousness”, for the purpose of this call, we focus on specific attributes, which CHIST-ERA considers pertinent, as follows.

**In the context of this call we define a conscious system or context aware service as one which:**

1. is aware of past and present actions and decisions and is capable of critical analysis of same;
2. possesses rich internal dynamics and through a variety of sensory modalities, is aware of the environment in which it resides;
3. has a perception of its internal states – for example its internal health, energy, performance;
4. is capable of constructing internal representations of projected future scenarios and their dynamics;
5. is capable of associating percepts with models (which it constructs) that predict and explain current and past events;
6. is capable of autonomous construction of future plans and future actions, and an analysis of the cost implications of such plans in terms of selected metrics;
7. can utilize knowledge of past actions of itself and others entities in the formulation of such future plans:
8. is able to locate itself in terms of physical space and its relationship to other entities;
9. is capable of generating an internal representation of itself and its environment by the integration of sensed external data and recall of internal states and
10. is capable of autonomously and selectively directing its attention and computational processing power to address a current important situation, external or internal to itself.

CHIST-ERA accepts that the creation of such systems is a major, long-term challenging goal, which will require substantial research and collaboration across many disciplines, including Computer Science, Automatics, Networks, Neurosciences, and others. In this call it seeks excellent, innovative and multi-disciplinary proposals which initiate research into systems that will exhibit at least two, and preferably more of the above characteristics and which propose new methodologies that will lay the foundation for the eventual achievement of these ambitious goals.

### **Expected impact**

Funded projects are expected to significantly advance the state-of-the-art of the Autonomic Systems field by achieving one or more of the following objectives:

1. Develop a deeper fundamental understanding of the Autonomic Systems nature,
2. Enable the emerging of awareness-inspired control theory,
3. Develop Robust Autonomy by Model-Based Self-Awareness,
4. Identify new opportunities fostered through these technologies and possibly the transfer of these technologies from laboratories to industries.

## 2.3 Participation of member states

Not all partner organisations will fund projects on both of the call topics. In case of doubt, applicants should contact their national funding organisation for details.

State (Organisation)	Topic 1 (Quantum Information Foundations and Technologies)	Topic 2 (Beyond Automatic Systems – the Challenge of Consciousness)	Funding of	
			academia	industry
F (ANR)	YES	YES	YES	YES
GB (EPSRC)	YES	YES	YES	NO
I (MIUR)	YES	NO	YES	YES
E (MICINN)	YES	YES	YES	NO
D (BMBF, PT-DLR)	YES, except target outcome 4	NO	YES	YES
IRL (IRCSET)	NO	NO	--	--
A (FWF)	YES	YES	YES	NO
PL (NCBiR)	YES	YES	YES	NO
CH (SNSF)	YES	YES	YES	NO
BE (FNRS)	YES	NO	YES	NO

The overall budget is approximately 7.9 million € for topic 1 and 3.8 million € for topic 2.

## 3 Financial Modalities and Funding Recipients

A collaborative project can be comprised of project partners from academia (research teams from universities, other higher education institutions, non-university public research institutes) and partners from the private sector. One project partner acts as the collaborative project coordinator who must be one of the principal investigators. The coordinator handles the submission of proposals and is the central point of contact for the call secretariat.

**The eligibility of the afore-mentioned entities, together with details of eligible costs (personnel, consumables, travel money, investments etc.) are subject to the individual administrative and legal requirements of each funding organisation and may therefore vary.** For national eligibility criteria, see section 6 and contact your respective funding organisation.

CHIST-ERA employs a “virtual common pot” model, i.e. while applications of a collaborative research project are submitted jointly by the consortium, the individual project partners will be solely funded by the respective national funding organisation.

The aim of this call is to fund smaller projects addressing a focussed topic, thus collaborative projects must fulfil the following criteria:

1. The consortium must be composed of at least 3 partners from at least 3 different participating countries.
2. Not more than 60% of the total eligible project costs should be incurred by any single organisation or by the organisations from a single participating country. If two or

more project partners are institutions based in the same country, this rule refers to the total financial volume of all project partners from one country involved in the project consortium.

3. It is recommended that a project consortium be comprised of at maximum around 4 to 6 project partners with a project volume in terms of total funding of at maximum around 1 to 2 million €.
4. Project duration: The projects should typically last between 2 and 3 years.

## 4 Submission, Evaluation, and Funding

Time-table for the proposal submission and evaluation procedure:

05.11.2010	Deadline for proposal submission
March 2011	Communication of the results of the transnational proposal evaluation to applicants
April 2011	Deadline for submission of national application forms
June 2011	Communication of final funding decision to the applicants
July 2011	Projects start

The submission of proposals must be done via the electronic submission system (ESS), which is available on the CHIST-ERA Website <http://www.chistera.eu>, along with templates for the proposals.

### 4.1 Proposal submission

General advice to applicants:

- The same font and style must be used for the whole proposal (Arial, 11pt, single spaced).
- All sections have to be filled in for the proposal.
- **Please adhere to the given page limits.**
- Applicants should refer to the call announcement for the evaluation criteria and make sure that all aspects listed there are covered by the proposal.

#### Proposal structure (see template)

1. Acronym and name of the project, addressed call topic, contact details of the project coordinator and list of participating partners, duration, summary of the project (max. ½ page), and relevance to the topic addressed in the call (max. ¼ page).
2. Objectives of the project, expected results (max. 2 pages): Description of the project, highlighting the novelty and originality of the approach, especially regarding novel ICT disciplines and future challenges (FET principles).
3. Background (description of scientific challenges, open questions, problems to be solved, possible societal benefit) and present state of the art in the field (max. 2 pages).
4. Work packages, milestones, and work plan (max. 3 pages plus 1 page per work package): Detailed description of the work plan and the different work packages (in-

cluding the deliverables), explanation of the methodology of the envisioned research project, comments on the feasibility, and identification of possible risks and/or bottlenecks (with GANT and PERT charts).

5. Description of the consortium (expertise and role in the project for each partner, 1 page per partner). For principal investigators in universities and research institutes: brief CV highlighting research experience, list of the 5 most important publications of the last three years.
6. Added value of the proposed collaboration, including multidisciplinary and European dimension (max. 1 page).
7. Description of significant facilities and large equipment available to the consortium (max. ½ page).
8. Consortium agreement principles (partner's rights and duties, IPR management) (max. ½ page).
9. Description of ongoing projects of each partner related to the present topic, and indicating the corresponding national and/or EC funding sources (max. ½ page per partner).
10. Impact, dissemination and possible exploitation (max. 2 pages): Scientific impact of the research project and, if applicable, market potential; appropriateness of measures for the dissemination and/or exploitation of results.
11. Detailed financial plan (extra Excel Sheet) and justification of the resources to be committed including personnel, consumables, equipment, travel, subcontracting, provisions, licensing fees, other (max. 1 page per project partner).

## 4.2 Evaluation of Proposals

Referees will give marks from 0 to 5 (not addressed, poor, fair, good, very good, and excellent) in the following categories:

1. Scope: The project must be within the scope of the call  
This criterion is not ranked from 0 to 5. The Evaluation Panel decides if the proposal is within the scope of the call. If not, it is not evaluated further but rejected.
2. Scientific Excellence
  - 2.1. Soundness of concept and quality of the objectives
  - 2.2. Advances beyond the current state of the art
  - 2.3. Originality and novelty of the idea
  - 2.4. Support of novel ICT disciplines and future challenges (FET-principles)
  - 2.5. Feasibility, choice of methods/tools
3. Implementation and Management
  - 3.1. Adequacy of the work plan (time, work packages, definition of milestones...). Cooperation between the project partners.
  - 3.2. Appropriate allocation and justification of the resources to be committed (budget, staff, equipment), Capability of the applicants' institutions to provide scientific infrastructure for their proposed research
  - 3.3. Identification of risks
  - 3.4. Management of intellectual property rights (IPR)
4. Quality of the consortium



**4.1. Multidisciplinarity****4.2. European added value of the collaboration**

4.3. Track record of the project partners

## 5. Potential Impact

5.1. Scientific impact of research subject. If applicable: market potential

5.2. Appropriateness of measures for the dissemination and/or exploitation of results

**4.3 Funding Decision**

The Evaluation Panel will compile a ranking list of the proposals. Based on this list, the CHIST-ERA Call Steering Committee will propose projects to be funded to the national funding organisations. Final decisions will be made at the national level. Applicants will be informed about the result of the evaluation and the final funding decision.

**4.4 National Implementation**

Each project partner submits the required forms to the respective funding organisation via the national contact point. The final funding decision remains with the national funding organisation. National funding should start at the same point in time, with at most a few weeks difference, to ensure that the collaborative research can be conducted as planned.

**4.5 Consortium Agreement**

In the proposal, applicants have to describe the consortium agreement principles (partner's rights and duties, IPR management). However, the proposal is not a legally binding document. A formal consortium agreement has to be compiled and signed by all partners prior to project start, i.e. before any advance payment is issued by the national funding organisation to the applicants.

**5 Reporting Requirements**

The coordinators of all the funded projects must submit a mid-term and final scientific project report (in English) to the CHIST-ERA secretariat together with summary reports from each participant. In accordance with specific national regulations, each participant should also submit periodical financial and scientific reports and a final report to its national funding agency. Any publications resulting from the funded projects must acknowledge the national funding agencies and the ERA-NET CHIST-ERA, and one copy must be sent electronically to the CHIST-ERA Secretariat.

## 6 National Eligibility Criteria

### 6.1 Germany (BMBF)

#### National Contact Point (NCP)

Projekträger im Deutschen Zentrum für Luft- und Raumfahrt e.V.  
Kommunikationstechnologien  
Dr. Sebastian Reick  
Linder Höhe  
D-51147 Köln

Tel: +49 (0)2203 601-3924  
Fax: +49 (0)2203 601-2866  
Sebastian.Reick@dlr.de  
[www.pt-dlr.de](http://www.pt-dlr.de)

#### Funding Criteria and Regulations

##### Scientific/technical criteria

The eligibility in the context of existing national funding initiatives will be assessed internally by PT-DLR/BMBF according to the following criteria:

- Proposals have to be within the scope of the call specified for German participation (Quantum information foundation and technologies, topics 1-3)
- Double funding must be excluded, especially with respect to other BMBF calls (e.g. for the first CHIST-ERA call the one on Quantum Communication <http://www.bmbf.de/foerderungen/14190.php>). Proposals must have a significant added value and novelty regarding existing research projects.
- Projects recently rejected as the result of evaluation in national calls are in general not eligible (this depends on the extent of similarity between the CHIST-ERA project application and the national proposal).
- Projects should be complementary to existing nationally-funded projects.

##### Formal regulations

- Funding of industrial partners is limited to a maximum of 50% of project-related costs.
- Funding of academic institutes and universities is 100% of project-related expenses.
- Basic laboratory infrastructure/equipment is generally not funded.
- The national regulations AnBest-P, BNBest-BMBF 98 and/or NKBF 98 apply. The documents can be found at [www.kp.dlr.de/profi/easy/formular.html](http://www.kp.dlr.de/profi/easy/formular.html)
- National application forms (AZA/AZK) have to be submitted after funding recommendation by the Call Steering Committee.

## **6.2 France (ANR)**

### **National Contact Point (NCP)**

Mathieu GIRERD  
Chargé de mission CHIST-ERA  
Agence Nationale de la Recherche  
Rue WATT  
75013 Paris  
Tel: 0033 1 7354 8213  
[mathieu.girerd@agencerecherche.fr](mailto:mathieu.girerd@agencerecherche.fr)

### **Funding Criteria and Regulations**

For applicants from France, please see online the specific annexe document for research groups applying to the 1<sup>st</sup> call for proposals of CHIST-ERA for funding in France:  
<http://www.agence-nationale-recherche.fr/AAPProjetsOuverts>

### **6.3 Switzerland (SNSF)**

#### **National Contact Point (NCP):**

Swiss National Science Foundation (SNSF)  
Alain Schenkel  
P.O. Box 8232  
Wildhainweg 3  
CH-3001 Bern

E-mail : [aschenkel@snf.ch](mailto:aschenkel@snf.ch)  
Phone : +41 31 308 23 67  
Fax : +41 31 305 29 78  
Internet: [www.snf.ch](http://www.snf.ch)

#### **Funding Criteria and Regulations**

For applicants from Switzerland, the standard SNSF eligibility criteria apply. See the regulations for projects funding at [www.snf.ch](http://www.snf.ch).

## 6.4 Austria (FWF)

### National Contact Point (NCP):

FWF-Der Wissenschaftsfonds  
Dr. Stefan Mühlbacher  
Sensengasse 1  
1090 Wien

Tel: ++43 1 505 6740 8408  
Fax: ++43 1 505 6739  
Stefan.muehlbacher@fwf.ac.at

### Funding Criteria and Regulations

For Austrian proposers hold the same application criteria as for regular stand-alone projects. (see pages 1 and 4-6 of “application guidelines” available at the FWF website [http://www.fwf.ac.at/de/applications/p/p\\_application-guidelines.pdf](http://www.fwf.ac.at/de/applications/p/p_application-guidelines.pdf))

## 6.5 United Kingdom (EPSRC)

### National Contact Point (NCP):

Dr Andy Lawrence  
EPSRC,  
Polaris House,  
North Star Avenue  
SWINDON  
SN21ET

Tel: +44 (0) 1793 444234

Fax: +44 (0) 1793 444547

[Andrew.Lawrence@epsrc.ac.uk](mailto:Andrew.Lawrence@epsrc.ac.uk)

### Funding Criteria and Regulations

For UK applicants, the standard RCUK eligibility criteria apply. See “Funding Guide: Eligibility” at EPSRC website

<http://www.epsrc.ac.uk/funding/apprev/basics/Pages/fundingguide.aspx>

## 6.6 Italy (MIUR)

### National Contact Point (NCP)

Aldo Mascioli  
MIUR  
Piazzale Kennedy 20  
00144 Roma  
Tel. 06-97727936  
[aldo.mascioli@miur.it](mailto:aldo.mascioli@miur.it)

### Funding Criteria and Regulations

The Italian laws and regulations that apply to Italian partners participating in CHIST-ERA projects are the following:

- Decreto Legislativo n. 297 del 27/07/1999
- Decreto Ministeriale n. 593 del 8/08/2000
- Decreto del Ministro dell'Economia e delle Finanze n.90402 del 10 ottobre 2003 d'intesa con il Ministro dell'Istruzione dell'Università e della Ricerca
- Decreto Ministeriale n. 4 del 2/01/2008 e relativa nota esplicativa del 15/05/2008
- Procedure operative per la valutazione ed il finanziamento dei progetti selezionati dalle JTI
- ARTEMIS ed ENIAC e dagli art. 169 AAL ed Eurostars del 28/08/2008

The only version legally valid is the Italian text published on the Italian Official Journal, which are also available on-line on the MIUR web site at the addresses below:

- [http://www.miur.it/0003Ricerca/0139FAR\\_-\\_/index\\_cf3.htm](http://www.miur.it/0003Ricerca/0139FAR_-_/index_cf3.htm)
- [http://www.miur.it/0003Ricerca/0142Ricerca/index\\_cf3.htm](http://www.miur.it/0003Ricerca/0142Ricerca/index_cf3.htm)

In general the following regulation applies:

- The funding will be provided as a grant;
- The participation in the project of industrial partners must be more than 50% of the total cost of the project for Italian partners (art. 5 comma 3 DM 593 2000);
- The grant is limited up to 50% of project-related costs. Eligible expenses and their limits for different project-related activities are disciplined in title 2 of DM 593 2000 and in the "ERANET CHIST-ERA: Guida per i proponenti italiani" published in the MIUR web site (<http://www.istruzione.it/web/ricerca/ricerca-internazionale/eranet-e-sa/eranet>);
- Additional documents will be requested following funding recommendation by the SC.

## 6.7 Belgium (FNRS) – Communauté française de Belgique

### National Contact Point (NCP) :

Freia Van Hee  
Affaires européennes et internationales  
Fonds de la Recherche Scientifique – FNRS  
Rue d'Egmont,5  
B - 1000 Bruxelles  
[freia.vanhee@frs-fnrs.be](mailto:freia.vanhee@frs-fnrs.be)

### Funding criteria and regulations

For the general eligibility criteria, please refer to the following [link of the FNRS web-site](#) or go to [www.frs-fnrs.be](http://www.frs-fnrs.be), choose 'Mon FNRS' at the upper right side of the page and then 'Appels ouverts/Open calls' in the menu on the left.

The maximum amount of requested funding per project is 200.000 EUR for a total period of three years.

Eligible cost items include:

- scientific staff
- equipment with a maximum of 10.000 EUR over three years
- travel and subsistence costs
- organisation of scientific meetings/workshops
- dissemination and consumables

Please note that overhead is not an eligible cost.



## 6.8 Spain (MICINN)

### National Contact Point (NCP) :

Rubén Martínez González  
International Programmes  
Ministry of Science and Innovation (MICINN)  
Postal address: c/ Albacete, 5, 28027 Madrid, Spain  
P: +34 916 037 252  
ruben.martinez@micinn.es  
<http://www.micinn.es>

### Funding Criteria and Regulations

- The MICINN will support research institutions located in Spain and will be responsible for the final decision regarding the awarding of funds to the Spanish partners, taking fully into account the transnational evaluation of the cooperative project and the financial resources available. The entities eligible for MICINN funding are universities and other public research institutions, technology centers (“*centros tecnológicos*”), and private non-profit institutions conducting R&D activities in Spain.
- The following categories of expenses can be financed within this programme: 1) personnel costs for temporary contracts; 2) small equipment; 3) current costs; and 4) sub-contracting if necessary to carry out the proposed activities.
- For universities and other public research institutions, technology centers (“*centros tecnológicos*”), as well as private non-profit institutions up to 100% of the marginal costs of the project can be financed.
- The MICINN will avoid double funding and will not finance projects or parts of projects that have been funded through other calls.
- The total costs of the Spanish part should not exceed:
  - 100.000 € per project in case of “Beyond Autonomic Systems – the Challenge of Consciousness” projects.
  - 180.000 € per project in case of QIFT projects that are mainly focused on theoretical aspects.
  - 300.000 € per project in case of QIFT projects that are mainly focused on experimental aspects.

In general the following regulation applies:

- Once the transnational evaluation procedure has been completed and the researchers involved have been notified, the Spanish applicants who are offered funding will be invited to formally apply to the 2011 call of the “*Programa Nacional de Internacionalización de la I+D*”, that will be implemented by the “*Dirección General de Cooperación Internacional y Relaciones Institucionales-MICINN*”.
- The Spanish partners awarded in this call should submit an annual interim report in accordance with the regulations established in the corresponding national call.

## 6.9 Poland (NCBiR)

### National Contact Point (NCP) :

Maria Bojanowska  
Zespół ds. projektów badawczych INFOTECH  
(Section for research projects INFOTECH)  
Ul. Nowogrodzka 47a  
00-695 Warszawa  
Tel: +48 515 061 549  
m.bojanowska@ncbir.gov.pl  
[www.ncbir.gov.pl](http://www.ncbir.gov.pl)

### Funding Criteria and Regulations

Following organisations are eligible for funding: universities, R&D units and research institutes (including international) with funding quota up to 100%.

For further information please visit [www.ncbir.gov.pl](http://www.ncbir.gov.pl)