



## International Pilot Call in the Chemical Sciences Guidelines for applicants

**A showcase pilot program for a cooperation between international funding organizations and International Union of Pure and Applied Chemistry as represented by its Polymer Division.**

### APPLICANT GUIDELINES

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IUPAC is pleased to announce a transnational/transcontinental call for proposals in polymer chemistry supported by a consortium of funding agencies. The goal of this first pilot call is to establish an efficient transnational funding program in chemistry, transcending national boundaries, with minimal bureaucracy.

### 1. About the IUPAC Polymer division International Pilot call

The overall aim of the IUPAC Committee on Chemistry Research Funding (CCRF) is to explore ways by which national research organizations and agencies responsible for funding chemical research in various countries might exchange information on international trends in funding and develop partnerships for projects of mutual interest.

IUPAC as a world wide transnational organization will serve as a neutral umbrella being the most appropriate organization to provide the framework for such a long-term program and could provide continuing leadership for this activity.

The motivation of this project is to foster networking between excellent scientists on topics in chemistry exemplified by a three year pilot program in polymer chemistry. The topics for this program are topics of high priority basic science.

This call involves the **following Partners:**

#### - Centre National de la Recherche Scientifique (CNRS), France

*contact:* Mr. Benoit Dardelet, INC-CNRS, 3 Rue Michel-Ange, 75794 Paris cedex 16  
Phone: +33 1 44 96 53 95 Fax: +33 1 44 96 53 70  
Email: [benoit.dardelet@cnrs-dir.fr](mailto:benoit.dardelet@cnrs-dir.fr) Web site: <http://www.cnrs.fr/inc/>  
Call link: [www.cnrs.fr/inc/europe\\_et\\_international/international/programmes.htm](http://www.cnrs.fr/inc/europe_et_international/international/programmes.htm)

#### - Deutsche Forschungsgemeinschaft e.V. (DFG), Germany

*contact:* Dr. Markus Behnke, Deutsche Forschungsgemeinschaft (DFG), German Research Foundation - Chemistry and Process Engineering- D-53170 Bonn  
Phone: +49 (228) 885-2181 Fax: +49 (228) 885-2777  
Email: [Markus.Behnke@dfg.de](mailto:Markus.Behnke@dfg.de) Web site: <http://www.dfg.de>  
Call link: [http://www.dfg.de/aktuelles\\_presse/information\\_fuer\\_die\\_wissenschaft/laufende.html](http://www.dfg.de/aktuelles_presse/information_fuer_die_wissenschaft/laufende.html)

#### - Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), Brazil

*contact:* Mr. Alexandre Roccatto, FAPESP - Fundação de Amparo à Pesquisa do Estado de São Paulo Scientific Directorate, R. Pio XI, 1500 - Alto da Lapa, CEP 05468-901 - São Paulo/SP - Brazil  
Phone: +55 11 3838 4000 Fax : +55 11 3645 2421  
Email: [aroccatto@fapesp.br](mailto:aroccatto@fapesp.br) Web site : <http://www.fapesp.br>  
Call link : *to be completed soon*

#### - Irish Research Council for Science, Engineering and Technology (IRCSET), Ireland

*contact:* Dr. John Denari, IRCSET, Brooklawn House, Crampton Avenue, Shelbourne Road, Dublin 4  
Phone: +353(1) 876141928 Fax: +353 1 231 5009  
Email: [jdenari@ircset.ie](mailto:jdenari@ircset.ie) Web site : <http://www.ircset.ie/>  
Call link : <http://www.ircset.ie/Default.aspx?tabid=241>



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### - Fundação para a Ciência e a Tecnologia (FCT), Portugal

*contact:* Dr. José Bonfim, Departamento das Relações Europeias, Bilaterais e Multilaterais  
FCT - Ministério da Ciência, Tecnologia e Ensino Superior, Av. D. Carlos I, 126 - 7º,  
1249-074 Lisboa  
Phone.: +351 21 391 15 28 Fax: +351 21 395 72 84  
Email : [Jose.Bonfim@fct.mctes.pt](mailto:Jose.Bonfim@fct.mctes.pt) web site : <http://www.fct.mctes.pt>  
Call link : *to be completed soon*

### - Ministerio de Ciencia e Innovación (MICINN), Spain

*contact:* Ms. Victoria Sanz Ministry of Science and Innovation  
C/ Albacete 5, Planta 5 Norte 28071 Madrid - SPAIN  
Phone.: +34 91 603 77 23 Fax: +34 91 603 88 81  
Email: [eradtma@micinn.es](mailto:eradtma@micinn.es) Website: [www.micinn.es](http://www.micinn.es)  
Call link :  
[http://web.micinn.es/contenido.asp?menu1=6&menu2=0&menu3=&dir=05\\_Investigacion/032\\_CoopIntern/03@Cooperacion/00-PgsInts](http://web.micinn.es/contenido.asp?menu1=6&menu2=0&menu3=&dir=05_Investigacion/032_CoopIntern/03@Cooperacion/00-PgsInts)

### - National Science Foundation (NSF), United States of America

*contact:* Dr. Zeev Rosenzweig, Program Director, Division of Chemistry, US National Science  
Foundation, Arlington, VA, 22230, USA  
Phone: +1 (703) 292-7719,  
Email : [zrosenzw@nsf.gov](mailto:zrosenzw@nsf.gov) Web site <http://www.nsf.gov/>  
Call link : [www.nsf.gov/div/index.jsp?div=CHE](http://www.nsf.gov/div/index.jsp?div=CHE)

## 2. The scientific topic of the call

This call is intended to foster tri-national co-operation in polymer chemistry and encourages involvement of researchers from developing countries. All researchers working in this field and eligible to apply for a three (3) year financial support from their participating national research councils are cordially invited to apply. This program is designed for interested research teams involving three (3) principal investigators, each working in a different country and calls for one joint proposal.

The involvement of PhD students or post-doctoral fellows from outside the host laboratory's country or even from the developing world is encouraged. Each partner funding agency or research organization will support its own laureates.

Polymer chemistry is a broad research domain enabling construction of the eco-friendly organic and hybrid materials of tomorrow, conceiving new monomers and polymers from non-fossil resources, designing new catalyst/initiator systems, creating precisely controlled supramolecular architectures with remarkable and innovative properties, developing frontier applications, and mimicking/adapting natural chemical and physico-chemical processes to the building of polymers with new properties. In this context, research themes may be selected from:

- 1. Novel polymer syntheses**
- 2. New supramolecular polymer assemblies**
- 3. Light harvesting and light emitting polymers**

## 3. Application requirements

Chemists from all the involved research organisations are eligible and are cordially invited to apply for a three (3) year financial support. A joint application should be submitted by three (3) Principal Investigators (PIs) from different participating countries. Applicants may submit only one proposal within this call. The researchers should carry out the project in the respective country financing their participation.



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There must be one Project Coordinator (PC) for each application, named amongst the Principal Investigators (PIs). The Project Coordinator is responsible for:

- submission of the joint proposal on behalf of the applicants,
- all communication with the Call Secretariat.

#### 4. Application procedure

There will be a two-stage procedure for joint applications (letter of intent and full proposal) and a single review procedure.

Submission of Letters of intent	Submission of Full proposals	Funding decision	Start of the Project
1 October 2009 15 November 2009	15 December 2009 15 February 2010:	16 July 2010:	January 2011

Incomplete applications or applications provided after the deadlines will not be eligible by the call secretariat at any stage of the call procedure.

#### Letters of intent

The letter of intent will briefly (3 pages based on a provided template, Annex A) describe the team and the topic of the proposed research by the Project Coordinator who is the **single point of contact**. Only one joint application is submitted by the Project Coordinator on behalf of the 2 other principal investigators. The required information needed for each principal investigator includes a short CV, a list of the 5 most relevant publications, names/affiliation of doctoral and postdoctoral mentors and list of collaborators in the last four years (maximum of 2 pages).

Letters of intent (Annex A) are due by **15 November, 2009** and should be sent in pdf format to [proposal@iupac.org](mailto:proposal@iupac.org)

#### Full proposals

The Project Coordinators who submitted eligible letters of intent will be invited to submit a full proposal no later than 15 February 2010, which will consist of 10 pages maximum for scientific content (figures, diagrams, tables and equations included) with additional page(s) for relevant references.

Also to be included, an application form covering administrative data and a detailed cost table (Annex B). Additional requirements may be added on request of funding partner countries.

For the eligible projects, the full proposals (Annex B) are due by **15 February, 2010**, also in pdf format sent to [proposal@iupac.org](mailto:proposal@iupac.org)

A group of international reviewers will review, evaluate and recommend for the full proposals based on the following criteria:

1. Scientific merit and significance (broader impact) of the project..
2. The scientific and collaborative added value.



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3. The track record of the applicants.
4. Feasibility of the project considering its proposed costs.

The final decision will be taken by funding partner organizations based on the review panel recommendation. An award could only be made if all the Partners involved in the proposal agree to do so.

### 5. Funding procedure

The projects will be funded for three years, starting on January 2011.

A typical project budget could support a postgraduate researcher or post-doc, or/and a graduate student, consumables, small equipment and travel costs for a three (3) year period for each applicant. Applicants should consult their national funding organization (Agency Contact for this Call) prior to full proposal submission if their project requires an unusual budget that significantly deviates from these budgetary guidelines.

All personnel, equipment and consumables need to be fully justified and cost effective. Please keep in mind that excellent projects deserve excellent funding, but you are kindly requested to check the appropriateness of all requested positions of the project budget.

Overheads and VAT will be handled according to the national rules.

The partner organizations will finance the participation of their relevant successful investigators to the IUPAC World Polymer Congress 2012 where a special session will be devoted to the outcome of this international program.

### 6. Additional individual partner agency requirements

In addition to the information required, each national funding organisation may require their national applicants to submit additional internal documents (e.g. budget details, "hard-copy" signed forms etc.). These items concerning only their relevant eligible investigators when applying for full proposal:

- **NSF:** US Investigators who request support for a postdoctoral must include a postdoctoral mentoring plan (up to 1 page, this page will not count against the 10 page limit of the proposal).

- **CNRS:** French Investigators who request support must belong to a research unit or a joint research unit directly or indirectly owned or involving the CNRS.

- **DFG:** The usual eligibility requirements for applicants employed at non-university research institutions apply ("duty to cooperate" for non-university members with unlimited contracts; see <http://www.dfg.de/forschungsfoerderung/formulare/gesamt.html>, form 1.02e, chapter I, for details). The duty to cooperate is only met if another applicant from a German University applies within the project.

- **MICIIN:** Once the transnational evaluation procedure has been completed and the researchers involved have been notified, the Spanish applicants from public



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institutions that are offered funding will be invited to formally apply to the call of the *Programa Nacional de Internacionalización de la I+D* that will be implemented by the *Dirección General de Cooperación Internacional-MICINN*.

- **IRCSET:** Eligible research teams will include those in Irish higher education institutions and national research institutions. For the purposes of the call an Irish higher education institution must be a recognised Irish third-level institution must be within the meaning of Section One of the Higher Education Act, 1971 and/or in receipt of public funding as approved by the Minister for Education and Science for the purposes of the Free Fees Initiative. The award to successful applicants from Ireland will including funding for one postgraduate studentship at the relevant IRCSET value (see <http://www.ircset.ie/Default.aspx?tabid=70>). A small extra budget to facilitate travel between the international project partners will be provided. The value will depend on the location of the partners.

- **FAPESP:** Brazilian applicants must be researchers in a higher education or research institution in the State of São Paulo, eligible for FAPESP support and with a Regular, Thematic or Young Investigator award in effect for at least one year. Specific guidelines will be soon available at FAPESP's Call for Proposals page at <http://www.fapesp.br/materia/2185/chamadas-de-propostas/chamadas-de-propostas.htm>

### Contact details and coordination of the call:

If you require additional information please contact your participating national funding organisation (see above),

or

the IUPAC Call secretariat

IUPAC

104 T.W. Alexander Drive, Building 19

Research Triangle Park, NC 27709, USA

*(contact person' details to be added soon by IUPAC)*



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### 7. Annexes:

#### **Annex A: Application form for letters of intent**

<i>Project title</i>
<i>Project reference (to be completed by the call secretariat)</i>

#### Administrative details and project summary

<b>First applicant (Project Coordinator)</b>						
<b>Family name</b>						
<i>First name(s)</i>						
<i>Gender</i>	<i>Female</i> <input type="checkbox"/>	<i>Male</i> <input type="checkbox"/>	<i>Date of birth</i>	<i>(DD/MM/YYYY)</i>	<i>Nationality</i>	
<i>Applicant's position title</i>						
<b>Address at the university/research institute</b>						
<i>University/research institute</i>						
<i>Street name and number</i>						
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>		
<i>Town</i>				<i>Country</i>		
<i>Phone</i>				<i>Fax</i>		
<i>E-mail</i>						
<i>Web site</i>						
<b>Qualifications</b>						
<i>University degree</i>			<i>Date of award (DD/MM/YYYY)</i>			
<i>Doctorate</i>			<i>Date of award (DD/MM/YYYY)</i>			

<b>Second applicant</b>						
<b>Family name</b>						
<i>First name(s)</i>						
<i>Gender</i>	<i>Female</i> <input type="checkbox"/>	<i>Male</i> <input type="checkbox"/>	<i>Date of birth</i>	<i>(DD/MM/YYYY)</i>	<i>Nationality</i>	
<i>Applicant's position title</i>						
<b>Address at the university/research institute</b>						
<i>University/research institute</i>						
<i>Street name and number</i>						
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>		
<i>Town</i>				<i>Country</i>		
<i>Phone</i>				<i>Fax</i>		
<i>E-mail</i>						



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<i>Web site</i>					
<b>Qualifications</b>					
<i>University degree</i>	<i>Date of award (DD/MM/YYYY)</i>				
<i>Doctorate</i>	<i>Date of award (DD/MM/YYYY)</i>				
<b>Third applicant</b>					
<b><i>Family name</i></b>					
<i>First name(s)</i>					
<i>Gender</i>	Female <input type="checkbox"/>	Male <input type="checkbox"/>	<i>Date of birth</i>	<i>(DD/MM/YYYY)</i>	<i>Nationality</i>
<i>Applicant's position title</i>					
<b>Address at the university/research institute</b>					
<i>University/research institute</i>					
<i>Street name and number</i>					
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>	
<i>Town</i>				<i>Country</i>	
<i>Phone</i>				<i>Fax</i>	
<i>E-mail</i>					
<i>Web site</i>					
<b>Qualifications</b>					
<i>University degree</i>	<i>Date of award (DD/MM/YYYY)</i>				
<i>Doctorate</i>	<i>Date of award (DD/MM/YYYY)</i>				

<b>Project summary (Maximum 300 words)</b>



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### Annex B: Application form for full proposals

<i>Project title</i>

<i>Project reference (to be completed by the call secretariat)</i>

Administrative details and project summary

<b>First applicant (Project Coordinator)</b>					
<b>Family name</b>					
<i>First name(s)</i>					
<i>Nationality</i>					
<i>Applicant's position title</i>					
<b>Address at the university/research institute</b>					
<i>University/research institute</i>					
<i>Street name and number</i>					
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>	
<i>Town</i>			<i>Country</i>		
<i>Phone</i>			<i>Fax</i>		
<i>E-mail</i>					
<i>Web site</i>					
<b>Qualifications</b>					
<i>University degree</i>		<i>Date of award (DD/MM/YYYY)</i>			
<i>Doctorate</i>		<i>Date of award (DD/MM/YYYY)</i>			

<b>Second applicant</b>					
<b>Family name</b>					
<i>First name(s)</i>					
<i>Nationality</i>					
<i>Applicant's position title</i>					
<b>Address at the university/research institute</b>					
<i>University/research institute</i>					
<i>Street name and number</i>					
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>	
<i>Town</i>			<i>Country</i>		
<i>Phone</i>			<i>Fax</i>		
<i>E-mail</i>					
<i>Web site</i>					
<b>Qualifications</b>					



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<i>University degree</i>	<i>Date of award (DD/MM/YYYY)</i>			
<i>Doctorate</i>	<i>Date of award (DD/MM/YYYY)</i>			
<b>Third applicant</b>				
<b>Family name</b>				
<i>First name(s)</i>				
<i>Nationality</i>				
<i>Applicant's position title</i>				
<b>Address at the university/research institute</b>				
<i>University/research institute</i>				
<i>Street name and number</i>				
<i>PO Box</i>		<i>Postal code</i>		<i>Cedex</i>
<i>Town</i>			<i>Country</i>	
<i>Phone</i>			<i>Fax</i>	
<i>E-mail</i>				
<i>Web site</i>				
<b>Qualifications</b>				
<i>University degree</i>	<i>Date of award (DD/MM/YYYY)</i>			
<i>Doctorate</i>	<i>Date of award (DD/MM/YYYY)</i>			

<b>Project summary (Maximum 300 words)</b>



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### Requested budget

Applicant N°	Personnel (please check max. one box per year per applicant)						Travel & subsistence [€]			Consumables [€]			Minor equipment [€]		
	1		2		3		1	2	3	1	2	3	1	2	3
	Ph D student	Post doc	Ph D student	Post doc	Ph D student	Post doc									
Year	Ph D student	Post doc	Ph D student	Post doc	Ph D student	Post doc	1	2	3	1	2	3	1	2	3
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

### Project title

### Signatures

**Applicants' authorized institutional representative (where appropriate):**

*I agree with the herewith submitted application and I guarantee access to equipment, facilities and resources to conduct the project in my institution.*

**Signature of the authorized institutional representative the first applicant** **Date**

**Signature of the authorized institutional representative of the second applicant** **Date**

**Signature of the authorized institutional representative of the third applicant** **Date**

**Applicants:**

*We confirm that to the best of our knowledge and belief, the information given in the application is correct.*

**Signature of the Project Coordinator** **Date**

**Signature of the second applicant** **Date**

**Signature of the third applicant** **Date**

### 7.3 Annex C: Confidentiality and Conflict of Interest Policy

#### **Confidentiality:**

No data about the proposals, PIs and reviewers will be provided to a third party other than to the funding agencies involved in the program. The identity of ad-hoc reviewers and panel members will remain confidential.



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### **Conflict of Interest Policy**

An important aspect of this code is the avoidance of any conflicts between personal interests and the interests of the applicants. In the context of peer review of research proposals and final reports, a conflict of interest might arise, for example, if a reviewer has, or has had in the past, a close working relationship, financial or personal connections with any individual(s) in the academic department(s) or organization (or any collaborating company or body) from which a proposal originates. Such interests may be indirect and relate to immediate family members or any other persons living in the same household as the reviewer.

Such circumstances may include the following:

- Relatives, personal ties or conflicts;
- Close scientific collaboration, e.g., implementation of joint projects or joint publications within the past 4 years;
- Direct scientific competition with personal projects or plans;
- Close proximity, e.g., member of the same scientific institution or impending change of the reviewer to the institution of the applicant or vice versa;
- Teacher/student relationship, as for PhD and Postdoctoral advisors of a PI;
- Dependent relationship in employment during the past 3 years;
- Participation in ongoing or just previously concluded professorial appointment proceedings;
- Current or prior activity in advisory bodies of the applicant's institution, e.g., scientific advisory boards;
- Personal economic interests in the funding decision;
- Competitive relationship or common economic interests, e.g., common business management.

The acid test is whether a member of the public, knowing the facts of the situation, might reasonably think the judgment could be influenced by the potential conflict of interest.