

**REGIONAL PROGRAM MATH-AmSud  
9th CALL FOR PROPOSALS  
Year 2016**

**1. The regional program MATH-AmSud**

The Regional Program MATH-AmSud is an initiative of the French cooperation and their counterparts from Argentina, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay and Venezuela, aimed to promote and strengthen the collaboration and to create networks of research and development in the field of mathematics, through joint projects.

Its **specific objectives** are:

- to develop the cooperation in the field of mathematics, through the exchange of researchers and students among South American countries involved and France.
- to support basic and applied research projects containing a dimension of potential transfer and technological innovation, with a regional component, between France and at least two South American partners.
- to favor, in South America, synergies with other multilateral and regional programs in this area, particularly with the European Union.
- to favor young researcher participation in order to ensure long-lasting cooperation networks.

The program MATH-AmSud relies on two committees:

a) Steering Committee, consisting of:

- By the French side, by representatives of the Ministry of Foreign Affairs and International Development (MAEDI), the National Center for Scientific Research (CNRS), and the National Institute for Research in Computer Science and Control (INRIA);
- By the South American side, by representatives of the Ministry of Science, Technology and Productive Innovation from Argentina (MINCYT), the Coordination of Improvement of Senior Staff of the Ministry of Education in Brazil (CAPES), the National Commission for Scientific and Technological Research of Chile (CONICYT), the National Council of Science and Technology of Paraguay (CONACYT), the National Council of Science, Technology and Innovation Technology Peru (CONCYTEC), the National Agency of Investigation and Innovation of Uruguay (ANII), the Mathematic Modeling Center of Chile (CMM), The Mathematics Faculty of the PUC Chile, the Institute of Pure and Applied Mathematic (IMPA) of Brazil and the Institute of Mathematics and Related Sciences (IMCA) of Peru, the Ministry of Popular Power of Higher Education, Science and Technology of Venezuela (MPPEUCT), the Administrative Department of Science, Technology and Innovation of Colombia (Colciencias), the Higher Education Secretariat of Science, Technology and Innovation of Ecuador (SENESCYT)

b) Scientific Committee, consisting of:

- By the French side, by representatives of CNRS and INRIA;

- By the South American side, by scientists appointed by MINCYT, CAPES, CONICYT, CONACYT, CONCYTEC, ANII, CMM, IMPA, IMCA, Mathematics Faculty of the PUC Chile, SENESCYT, COLCIENCIAS, MPPCTI.

## 2. Call for Projects Schedule

December 15 <sup>th</sup> , 2015	Opening of the call. The form is available on the website of the program MATHAmSud: <a href="http://www.mathamsud.org">www.mathamsud.org</a> , and the web sites of each participating agency.
May 15 <sup>th</sup> , 2016	End of Call
November 2016	Publication of the results
January 2017	Beginning of selected projects
October 1 <sup>st</sup> , 2017	On-going report submission
March 31 <sup>th</sup> , 2019	Final report submission of the projects to the Programs' Secretary

## 2. Instructions for the submission of proposals

### ○ Type of cooperation

Joint research and development projects that may include **working missions** among the participating groups, workshops and intensive schools (short courses) with participation of professors and students.

### ○ Themes

The call is open to all topics related to Mathematics.

### ○ Duration of projects

Each project will have a duration of **two years**, and must submit the on-going report of the project before **October 1st, 2017**. With the completion of the first year of development, and according to the report of accomplishments, the program will continue the support for the second year.

### ○ Participants

- Research laboratories and units, public or private, linked to institutions of higher education, research organizations or companies may apply for projects.
- Each project must involve at least one French research group and at least two research groups belonging to two of the South American countries which participate in the program.

### ○ Funding

- The financing modalities are: **the agency that sends pays for the travel costs and the maintenance costs of its own researchers.**
- Projects must inform in their budgets about complementary financial sources.
- The resources will be delivered annually.

- The budget should indicate the requested funding from each agency that participates in the program.
- If you need information about the funding granted by the different agencies, you can contact each national agency that participates in the program (as a reference, the total approved amount by all agencies granting a project is between approx. 10 000 € and 15 000 € per project per year). The budget required should be adapted to the scientific project.

- Duration of missions<sup>1</sup>

- The duration of missions may not exceed 30 days.
- It is strongly recommended that the duration of the missions between France and South America, in either direction, is not less than 10 days, and that the duration of the missions between countries in South America is not less than one week.
- It is strongly recommended to propose at least one workshop in South America with all the research team.
- At least one travel from France to South America and from South America to France must be completed.

- Intellectual Property

The project International Coordinators should take into account the provisions necessary for the protection of intellectual property.

- Modalities and selection criteria

- Revision of projects in administrative terms by each agency.
- Scientific assessment by the Scientific Committee of the program, advised by international experts.
- Selection and approval of projects by the Steering Committee, based on international assessment, the report of the Scientific Committee and the available budget.
- In addition to scientific excellence, the main criteria for selecting projects are:
  - Innovative nature
  - The creation of new international collaborations,
  - Complementarity of the participants,
  - The mutual transfer of expertise and innovation,
  - Background of the research groups,
  - The participation of postdoctoral students or young researchers in the exchanges.

- Coordination

In each participating institution a Scientific Coordinator should be designated. Among them will be designated the project International Coordinator.

- Launching of projects

- The approval or rejection of the project will be formally notified to the International Coordinator by the MATH-AmSud program Secretariat.

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<sup>1</sup> CAPES and CONACYT do not finance short stays/work missions of PhD students.

- In addition, the approval or rejection of the project will be formally notified to every Scientific Coordinator by the corresponding institution.
- For the approved projects, each financing agency will inform its corresponding participants about the granted funds and the disbursement schedule.
- Once launched, each project must set up a website which will reflect its activities. The address of this website must be reported to the Secretariat.
- The International Coordinator of each project must submit to the Secretary of the Program MATH-AmSud two reports: on October 1st of the first year of development, and the other end (final report) in a period not exceeding three months following completion of the project (31th of march 2019)
- The following will be considered in the evaluation of the final report: co-publications, patents, thesis realized in the project, networks created and other types of collaboration.  
**All documents produced as part of this collaboration will explicitly indicate the financial support received by the MATH-AmSud Regional Program, using the following format: Regional Program MATHAMSUD + project code**
- National and international coordinators that have finished a project can present a new research project, once the final report is approved. They must propose a new research topic. However, the priority will be given to projects emanating from teams that didn't received grant in the last two years previous the new call and teams which include PHD or post-doctorals students.
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- o Project submission

- The International Coordinator must send by e-mail the project form completed **in English in .pdf** including the CVs of all coordinators to the Secretariat of the program MATH-AmSud: [math@mathamsud.org](mailto:math@mathamsud.org) , before **May 15<sup>th</sup>, 2016 at 24 hs (Chile)**.
- Brazilian investigators must also present their project to CAPES between January 1<sup>st</sup> and May 31<sup>th</sup> 2016 on the website of PGCi program. The International coordinator of the project must send it to the program secretary also.
- Colombian investigators who ask for grant to Colciencias have to be recognized in the 3 categories system of this institution.

Forms for the submission of projects are available  
on the website of MATH-AmSud [www.mathamsud.org](http://www.mathamsud.org)  
**from December 15<sup>th</sup>, 2015 to May 15<sup>th</sup>, 2016 at 24.00**(GMT Chile)  
and the websites of each participating agency

**Additional information:**  
Programme MATH-AmSud Secretariat at Santiago Chile  
[math@mathamsud.org](mailto:math@mathamsud.org)  
Tel.: (56 2) 365 44 21/44 32

**IN ORDER TO HAVE MORE INFORMATION, PLEASE CONTACT THE FOLLOWING PERSONS  
(see below) DEPENDING ON THE AGENCY YOU BELONG.**

**Contacts**

MINCYT:	Dirección de Relaciones Internacionales Av. Godoy Cruz 2320 C1425FQD Buenos Aires Tel.: (+54-11) 48 99 5000 int. 4116 <a href="http://www.mincyt.gov.ar">www.mincyt.gov.ar</a> Contact: Karina Pombo – <a href="mailto:kpombo@mincyt.gov.ar">kpombo@mincyt.gov.ar</a> Juan Manuel Bruckner <a href="mailto:jbruckner@mincyt.gov.ar">jbruckner@mincyt.gov.ar</a>	<b>ARGENTINA</b>
CAPES:	Coordenação Geral de Cooperação Internacional, CGCI/CAPES Setor Bancário Norte, Quadra 2, Bloco L, Lote 06, CEP 70040-020 Brasília, DF Tel.: (+55) (61) 20 22 66 85 <a href="http://www.capes.gov.br">www.capes.gov.br</a> Contact: <a href="mailto:mathamsud@capes.gov.br">mathamsud@capes.gov.br</a> / <a href="mailto:sticamsud@capes.gov.br">sticamsud@capes.gov.br</a> Marianna Papa – <a href="mailto:marianna.papa@capes.gov.br">marianna.papa@capes.gov.br</a>	<b>BRASIL</b>
IMPA:	Instituto Nacional de Matemática Pura e Aplicada Estrada Dona Castorina 110, Rio de Janeiro Tel: (+55) 21 2529 5000 <a href="http://wwwimpa.br/opencms/pt/">http://wwwimpa.br/opencms/pt/</a> Contact: Alfredo Iusem: <a href="mailto:iusp@impa.br">iusp@impa.br</a>	
CONICYT:	Departamento de Relaciones Internacionales <a href="http://Moneda1375.Santiago.de.Chile">Moneda 1375, Santiago de Chile.</a> Tel.: (+56-2) 2635 4421 <a href="http://www.conicyt.cl">www.conicyt.cl</a> Contact: Cecilia Velit – <a href="mailto:cvelit@conicyt.cl">cvelit@conicyt.cl</a>	<b>CHILE</b>
Facultad de Matemáticas de la PUC	Contact: Alejandro Ramirez – <a href="mailto:aramirez@mat.puc.cl">aramirez@mat.puc.cl</a> Marta Garcia Huidobro – <a href="mailto:mgarcia@mat.puc.cl">mgarcia@mat.puc.cl</a>	
CMM:	Centro de Modelamiento Matemático Beauchef 851, Edificio Norte – Piso 7 CP 837 0456 Santiago de Chile tel +56 2 2978 4870 <a href="http://www.cmm.uchile.cl/">http://www.cmm.uchile.cl/</a>	
CONACYT:	Consejo Nacional de Ciencia y Tecnología Dr. Justo Prieto N° 223 entre Teófilo del Puerto y Nicolás Billof Villa Aurelia Código postal: 1863 Asunción Tel.: (+595-21) 506 223/ 331/ 369 <a href="http://www.conacyt.gov.py">www.conacyt.gov.py</a> Contact:– Jose Schwartzman – <a href="mailto:jcschwartzman@conacyt.gov.py">jcschwartzman@conacyt.gov.py</a>	<b>PARAGUAY</b>
CONCYTEC:	Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica <a href="http://www.concytec.gob.pe">www.concytec.gob.pe</a> Contact: Jose Luis Solis – <a href="mailto:jsolis@concytec.gob.pe">jsolis@concytec.gob.pe</a> Jorge Achata – <a href="mailto:jachata@cienciactiva.gob.pe">jachata@cienciactiva.gob.pe</a>	<b>PERÚ</b>
IMCA:	Instituto de Matemáticas y Ciencias Afines Calle Los Biólogos 245 - Urb. San César - La Molina, Lima Tel: (+51)349 1892 <a href="http://imca.edu.pe/portal/index.php/es/">http://imca.edu.pe/portal/index.php/es/</a>	

ANII:	<p>Contact: Roger Metzger - <a href="mailto:metzger@imca.edu.pe">metzger@imca.edu.pe</a>          Agencia Nacional de Investigación e Innovación          A. Italia 6201 Edificio Los Nogales          11100 Montevideo          Tel: (+598) 2 916 6916  <u>Contact:</u> Maria Laura Fernandez – <a href="mailto:mlfernandez@anii.org.uy">mlfernandez@anii.org.uy</a>  <a href="http://www.anii.org.uy">www.anii.org.uy</a>  <a href="mailto:Cooperación-internacional@anii.org.uy">Cooperación-internacional@anii.org.uy</a></p>	<b>URUGUAY</b>
ColCiencias	<p>Departamento Administrativo de Ciencia,Tecnología e Innovación - Colciencias          Kr 7b Bis # 132-28, Bogotá D.C  <u>Contact:</u> Carlos Orlando Ladino Siabatto- <a href="mailto:coladino@colciencias.gov.co">coladino@colciencias.gov.co</a>          Angela Maria Jaramillo Gómez- <a href="mailto:amjaramillo@colciencias.gov.co">amjaramillo@colciencias.gov.co</a></p>	<b>COLOMBIA</b>
MPPEUCT	<p>Ministerio del Poder Popular Para Educación Universitaria, Ciencia y Tecnología          Av Universidad Esquina El Chorro- Torre Ministerial          Caracas – Venezuela          Tel: (58212) 5557565          Contact: Jorge Ernesto Ernesto Rodriguez – <a href="mailto:jorodriguez@suscerte.gov.ve">jorodriguez@suscerte.gov.ve</a>          Jesús Salazar – jasorta@gmail.com</p>	<b>VENEZUELA</b>
SENESCYT	<p>Secretaría de Educación Superior, Ciencia, Tecnología e Innovación          Whympers E7-37 y Alpallana          170516 / Quito – Ecuador          Contact: Jaime Medina – <a href="mailto:jmedina@senescyt.gob.ec">jmedina@senescyt.gob.ec</a></p>	<b>ECUADOR</b>
MAEDI :	<p>Delegación Regional de Cooperación para América del Sur          Condell 65, Providencia – Santiago, Chile          Tel. : (+56) 2 2 4708007  <a href="http://www.franceamsud.org">www.franceamsud.org</a>  <u>Contact:</u> Laetitia Quilichini – <a href="mailto:Laetitia.quilichini@diplomatie.gouv.fr">Laetitia.quilichini@diplomatie.gouv.fr</a></p>	<b>FRANCE</b>
INRIA:	<p>Direction des Relations Internationales          Domaine de Voluceau – Rocquencourt          B.P. 105 – 78153 Le Chesnay Cedex,          Tel: (+33) 1 39 63 57 68  <a href="http://www.inria.fr">www.inria.fr</a>  <u>Contact:</u> Tania Castro – <a href="mailto:tania.castro@inria.fr">tania.castro@inria.fr</a></p>	<b>FRANCE</b>
CNRS	<p>DERCI          3 rue Michel-Ange          75016 Paris          Tel. : (+33 1) 44 96 46 79  <a href="http://www.cnrs.fr">www.cnrs.fr</a>  <u>Contacts:</u> Jean Theves– <a href="mailto:jean.theves@cnrs-dir.fr">jean.theves@cnrs-dir.fr</a></p>	<b>FRANCE</b>