

**REGIONAL PROGRAM MATH-AmSud**  
**10th CALL FOR PROPOSALS**  
**Year 2017**

**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, for the realization of joint projects through the mobility of investigators.

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 foster, in South America, synergies with other multilateral and regional programs in this area, particularly with the European Union.
- to promote the participation of young researchers in order to ensure long-lasting cooperation networks.

The program MATH-AmSud is composed by 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 of Argentina (MINCYT), the Coordination of Improvement of Senior Staff of the Ministry of Education of 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 of Peru (CONCYTEC), the National Agency of Investigation and Innovation of Uruguay (ANII), the Mathematic Modeling Center of the University of Chile (CMM), The Faculty of Mathematics of the Pontifical Catholic University (PUC) of Chile, the Institute of Pure and Applied Mathematics of Brazil (IMPA), the Institute of Mathematics and Related Sciences of Peru (IMCA), 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, MPPEUCT.

## 2. Call for Projects Schedule

December 15 <sup>th</sup> , 2016	Opening of the call. The form is available on the website of the program MATHAmSud: <a href="http://sticmathamsud.org/">http://sticmathamsud.org/</a> , and the web sites of each participating agency.
May 15 <sup>th</sup> , 2017	End of Call
November 2017	Publication of the results
January 2018	Beginning of selected projects
October 1 <sup>st</sup> , 2018	On-going report submission
March 31 <sup>th</sup> , 2020	Final report submission of the projects to the Programs' Secretary

## 2. Instructions for the submission of proposals

### ○ Type of cooperation

Presentation of joint research and development projects that include **exchange of researchers** among the participating teams but also workshops and/or intensive schools (short courses) with participation of researchers 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**.

The international coordinator must submit the on-going report of the project before **October 1st, 2018**. After the completion of the first year of the project, and according to the on-going report, the Steering Committee will decide to 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 funding will be delivered annually.
- The financing modalities are the following: **the agency that sends pays for the travel costs and the accommodation costs of its own researchers.**

- The costs shall be detailed by mentioning the amount of missions, the goal of each mission, the duration, the country of destination, and the name of the beneficiary.
- The budget should indicate the requested funding from :
  - each South American agency that participates in the program.
  - the French Ministry for Foreign Affairs and International Development
  - the French laboratories or institutions participating in the program
  - the other financial sources external to the program
- It is recommended to contact each organization participating in the program for orientation on the funding requests from the different counterparts.
- The approved funding is subject to the annual budget availability of the different agencies.
- As a reference, the institutions of the program jointly contribute an annual amount of approximately € 10 000 to € 15 000 per 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, should not be less than 10 days, and that the duration of the missions between countries in South America should not be less than a week.
- There must be at least one travel from France to South America and one from South America to France.
- The organization of a workshop in South America gathering all the research team will be positively valued.
- The project must clearly mention the modalities of participation of young researchers (missions, activities, etc.), which will be positively valued.

○ Intellectual Property

The international project coordinators should take into account the necessary provisions for the protection of intellectual property.

○ Modalities and selection criteria

- Revision of projects in administrative terms by each agency.
- Scientific assessment made by international experts chosen by the Scientific Committee of the program.
- Review of the international assessments and classification of the projects by the Scientific Committee.
- 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:
  - The innovative character
  - The creation of new international collaborations,
  - The complementarity of the participating research teams,
  - The mutual transfer of expertise and innovation,
  - The background of the research groups,
  - The participation of postdoctoral students or young researchers in the exchanges.

---

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

- The promotion and value of joint research activities (scientific co-publications, seminars, workshops, joint patents).

- o Coordination

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

- o Launching of projects

- The approval or rejection of the project will be formally notified to the International Coordinator by the MATH-AmSud program Secretariat.
- In addition, the approval of the project will be formally notified to every Scientific Coordinator and to the Secretariat by the corresponding institution.
- For the approved projects, each financing agency will inform its corresponding participants about the granted funds and the disbursement schedule.
- The International Coordinator of each project must submit to the Secretary of the MATH-AmSud Program two reports: the ongoing report on October 1st of the first year of development, and the final report in a period not exceeding three months following the completion of the project (31th of march 2020).
- 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, in November of the same year. 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.

- 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: [contacto@sticmathamsud.org](mailto:contacto@sticmathamsud.org), before **May 15<sup>th</sup>, 2017 at 24 hs (Chile)**.
- Brazilian investigators must also present their project to CAPES until May 31th 2017 on the website of the program. The International coordinator of the project must also send it to the Secretariat of the program before May 15<sup>th</sup> 2017.
- 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 <http://sticmathamsud.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

[contacto@sticmathamsud.org](mailto:contacto@sticmathamsud.org)

Tel.: (56 2) 365 44 21/44 32

**IT IS RECOMMENDED TO CONTACT THE PARTICIPATING ORGANISMS OF THIS PROGRAM FOR ANY QUESTIONS**

**Contacts**

- MINCYT:** Dirección Nacional de Coordinación e Integración Institucional **ARGENTINA**  
 Av. Godoy Cruz 2320  
 C1425FQD Buenos Aires  
 Tel.: (+54-11) 48 99 5000 int. 4116  
[www.mincyt.gov.ar](http://www.mincyt.gov.ar)  
 Contact: Karina Pombo – [kpombo@mincyt.gov.ar](mailto:kpombo@mincyt.gov.ar)  
 Juan Manuel Bruckner [jbruckner@mincyt.gob.ar](mailto:jbruckner@mincyt.gob.ar)  
 Lic. Mariano Jordán [jjordan@mincyt.gob.ar](mailto:jjordan@mincyt.gob.ar)
- CAPES:** Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, **BRASIL**  
 CGPR/CAPEs  
 Setor Bancário Norte, Quadra 2, Bloco L, Lote 06, CEP 70040-020  
 Brasília, DF  
 MATH: <http://www.capes.gov.br/cooperacao-internacional/multinacional/programa-regional-math-amsud>  
 STIC: <http://www.capes.gov.br/cooperacao-internacional/multinacional/programa-stic-amsud-capes>  
 Contact: Rodrigo Freitas. MATH: [mathamsud@capes.gov.br](mailto:mathamsud@capes.gov.br)  
 STIC: [sticamsud@capes.gov.br](mailto:sticamsud@capes.gov.br)
- IMPA:** Instituto Nacional de Matemática Pura e Aplicada  
 Estrada Dona Castorina 110,  
 Rio de Janeiro  
 Tel: (+55) 21 2529 5000  
<http://wwwimpa.br/opencms/pt/>  
 Contact: Alfredo Iusem: [iusp@impa.br](mailto:iusp@impa.br)
- CONICYT:** Departamento de Relaciones Internacionales **CHILE**  
 Moneda 1375, Santiago de Chile.  
 Tel.: (+56-2) 2635 4421  
[www.conicyt.cl](http://www.conicyt.cl)  
 Contact: Cecilia Velit – [cvelit@conicyt.cl](mailto:cvelit@conicyt.cl)
- Facultad de Matemáticas de la PUC  
 Avda. Libertador Bernardo O'Higgins 340 - Santiago - Chile  
 Contact: Alejandro Ramirez – [aramirez@mat.puc.cl](mailto:aramirez@mat.puc.cl)  
 Marta Garcia Huidobro – [mgarcia@mat.puc.cl](mailto:mgarcia@mat.puc.cl)
- CMM:** Centro de Modelamiento Matemático  
 Av. Beauchef 851, Edificio Norte – Piso 7  
 CP 837 0456  
 Santiago de Chile  
 tel +56 2 2978 4870  
<http://www.cmm.uchile.cl/>  
 Alejandro Jofre [ajofre@dim.uchile.cl](mailto:ajofre@dim.uchile.cl)

CONACYT:	<p>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 Schvartzman - <a href="mailto:jschvartzman@conacyt.gov.py">jschvartzman@conacyt.gov.py</a>          Idelin Molinas <a href="mailto:imolinas@conacyt.gov.py">imolinas@conacyt.gov.py</a></p>	<b>PARAGUAY</b>
CONCYTEC:	<p>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></p>	<b>PERÚ</b>
IMCA:	<p>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>          Contact: Roger Metzger - <a href="mailto:metzger@imca.edu.pe">metzger@imca.edu.pe</a></p>	
ANII:	<p>Agencia Nacional de Investigación e Innovación          Av. Italia 6201 Edificio Los Nogales          11100 Montevideo          Tel: (+598) 2 6004411  <a href="http://www.anii.org.uy">www.anii.org.uy</a>          Contact: Maria Laura Fernandez - <a href="mailto:mlfernandez@anii.org.uy">mlfernandez@anii.org.uy</a>  <a href="mailto:cooperacion-internacional@anii.org.uy">cooperacion-internacional@anii.org.uy</a>          Veronica Suarez <a href="mailto:vsuarez@anii.org.uy">vsuarez@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          Contact:          Angela Maria Jaramillo Gomez- <a href="mailto:amjaramillo@colciencias.gov.co">amjaramillo@colciencias.gov.co</a>          Blanxca Fabiola Espejo - <a href="mailto:bfespejo@colciencias.gov.co">bfespejo@colciencias.gov.co</a></p>	<b>COLOMBIA</b>
MPPEUCT	<p>Ministerio del Poder Popular Para Educación Universitaria, Ciencia,          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>          José Joaquin Contreras <a href="mailto:jcontreras@cenditel.gob.ve">jcontreras@cenditel.gob.ve</a></p>	<b>VENEZUELA</b>
SENESCYT	<p>Secretaría de Educación Superior, Ciencia, Tecnología e Innovación          Whymper E7-37 y Alpallana          Tel +593 2 290 3249 extensión 117 y 118          170516 / Quito - Ecuador          Contact: Pablo Carrillo          David Eduardo Rodríguez Baldeón <a href="mailto:derodriguez@senescyt.gob.ec">derodriguez@senescyt.gob.ec</a></p>	<b>ECUADOR</b>

- MAEDI :           Delegación Regional de Cooperación para América del Sur           **FRANCE**  
                  Condell 65, Providencia – Santiago, Chile  
                  Tel. : (+56) 2 2 4708007  
                  www.franceamsud.org  
                  Contact: Laetitia Quilichini – [laetitia.quilichini@diplomatie.gouv.fr](mailto:laetitia.quilichini@diplomatie.gouv.fr)
- INRIA:            Direction des Relations Internationales           **FRANCE**  
                  Domaine de Voluceau – Rocquencourt  
                  B.P. 105 – 78153 Le Chesnay Cedex,  
                  Tel: (+33) 1 39 63 57 68  
                  www.inria.fr  
                  Contact: Tania Castro – [tania.castro@inria.fr](mailto:tania.castro@inria.fr)  
                  Thierry Priol [thierry.priol@inria.fr](mailto:thierry.priol@inria.fr)
- CNRS            DERCI           **FRANCE**  
                  3 rue Michel-Ange  
                  75016 Paris  
                  Tel. : (+33 1) 44 96 46 79  
                  [www.cnrs.fr](http://www.cnrs.fr)  
                  Contacts: Antonia Alcaraz [antonia.alcaraz@cnrs-dir.fr](mailto:antonia.alcaraz@cnrs-dir.fr)  
                  Jean Theves – [jean.theves@cnrs-dir.fr](mailto:jean.theves@cnrs-dir.fr)