



Société Mathématique de Tunisie

News-letter: Mai 2018

NEWS

- Le [TJM](#) sur la Gazette de la SMF:
http://smf4.emath.fr/Publications/Gazette/Nouveautes/smf_gazette_156_62-62.pdf
- **PhD Position on High Performance Computing and MSCA-IF opportunities at BCAM:** BCAM, the Basque Center for Applied Mathematics <http://www.bcamath.org> whose mission is to develop high quality interdisciplinary research in the frontiers of Applied Mathematics, has opened the following position:

Nro Positions	PhD Advisors	Position Offered	Basis & Rules	Application	Deadline
1	J. Jansson , F. Girot	PhD Position on High Performance Computing ESR6 for H2020 Project ENABLE (764979)	PDF	email	31/MAY/2018

This position is one of the 9 positions available within the [ENABLE project](#), financed by the EU under the Marie Skłodowska-Curie actions in the H2020-MSCA-ITN Program.

The European Training Network actively involves academics and industrial partners in training a new generation of young researchers for the future of manufacturing. By developing new solutions for forecasting and mastering processes relevant for all factories using metallic alloys, [ENABLE](#) proposes a complete rethink of the usual process simulation methods. Innovative multiscale (from microscopic to macroscopic scales), and multi-physics (strong thermomechanical and microstructural couplings) are addressed multi-level advanced (TRL 1 to 8) simulation.

EU Eligibility Criteria for Candidates

- The candidate may be a national of a Member State, of an Associated Country or of any Third Country.
- The applicant shall at the time of recruitment be in the first four years of his/her research career and have not been awarded a doctoral degree.

- The applicant must not have resided or carried out her/his main activity (work, studies, etc.) in Spain for more than 12 months in the 3 years immediately prior to her/his recruitment (Compulsory national service, short stays such as holidays, and time spent as part of a procedure for obtaining refugee status under the Geneva Convention are not taken into account).

ESR6 Researcher Profile

- **Title:** Development and implementation of computational methods in the open source automated massively parallel FEniCS framework. Application to multiplatform portability.
- **Objective of the PhD project:** To develop and implement computational methods for the future of manufacturing of metals in the open source automated massively parallel FEniCS framework, in collaboration with leading researchers and companies in the [ENABLE](#) project. The research will focus on highly efficient general continuum modelling with adaptive error control in the Unified Continuum methodology, and to develop the FEniCS framework in general to support this type of advanced modelling.
- **Mobility:** Visits to private sector partners and 10 months of secondment will be mandatory, to provide the ESRs with good exposure to the job market and private sector requirements

How to apply: Send an email to the following address: esr6-application@enable-project.com. Please, put in the subject of your email that you are applying for the ESR6 position and check that you meet all eligibility criteria.

Marie Skłodowska-Curie Individual Fellowships 2018: BCAM expresses its interest to host Marie-Skłodowska-Curie Fellows in Mathematics (MAT), Physics (PHY), Economic Sciences (ECO) and Information Science and Engineering (ENG). We kindly ask you to distribute this call among colleagues and potential candidates. For further information, please visit the following links:

- [BCAM expression of Interest](#): Brief description of the institution and research lines
- [European Participant Portal](#) (Program Website)

All applications must be submitted on line: deadline for submissions: 10th August, 2018.

For any additional informations: recruitment@bcamath.org.

- CIMPA Research Schools that will take place in 2019 through [this link](#). Application for funds through the web site <https://students.cimpa.info/login>
- The IMU Committee for Women in Mathematics (CWM) is coordinating the project "*A Global Approach to the Gender Gap in Mathematical and Natural Sciences: How to Measure It, How to Reduce It?*" which is funded by the International Council for Science (ICSU) and co-funded by its 11 participating organizations. You find more detailed information on the webpage <https://icsugendergapinscience.org/>

Task 1 of the project is a Global Survey of Mathematical, Computing, and Natural Scientists. For this Task, CWM is seeking as much input as possible. You are cordially invited to contribute to the Task and provide relevant information by completing the survey. The URL for the survey is <https://icsugendergapinscience.org/2018-global-survey-of-mathematical-computing-and-natural-scientists/>.

You can also get access by clicking on "SURVEY" in the upper right-hand box of the main page of the project. The survey is open from **May 1, 2018 until October 31, 2018**.

It is available in English, French, Arabic, Chinese, Japanese, Russian and Spanish.

- Journées des doctorants de la société Mathématique de Tunisie: La 2^{ème} édition des journées des doctorants de la société Mathématique de Tunisie aura lieu **du 11 au 13 Mai 2018** à l'hôtel Royal Kenz Thalasso & Spa à Sousse.
Deux cours de 4 heures chacun en **géométrie différentielle** (par Prof. Jawhar El Ghouli) et en **statistiques** (par Prof. Afif Masmoudi) seront donnés en matinées. Des sessions parallèles sont programmées en après midi.
Les doctorants intéressés sont priés de s'inscrire directement sur le site web de la SMT <http://www.tms.rnu.tn>
- **Premier volume du journal: Tunisian Journal of Mathematics:** Le premier volume du [Tunisian Journal of Mathematics](https://msp.org/tunis/2019/1-1/index.xhtml) est maintenant disponible en accès libre sur le site du journal: <https://msp.org/tunis/2019/1-1/index.xhtml>
Ces articles sont officiellement datés de 2019 et seront libres d'accès jusqu'à la fin de l'année civile 2018. Les abonnements payants à TJM débuteront en 2019. D'autres articles à paraître dans les prochains numéros sont annoncés ici <https://msp.org/scripts/coming.php?jpath=tunis>
TJM vise à être une revue généraliste de haut niveau qui se positionne immédiatement après les revues les plus sélectives. Le comité de rédaction invite les mathématiciens du monde entier à soumettre des articles de recherche de haut niveau ici https://ef.msp.org/submit_new.php?jpath=tunis
- **Le journal APAM:** Advanced in Pure and Applied Mathematics <https://www.degruyter.com/view/j/apam> publié sous l'égide de Degruyter, est soutenu par la société mathématique de Tunisie. Le dernier volume de APAM : [Volume 9, Issue 2 \(Apr 2018\)](#) est disponible sur le site du journal.
- **Lettre de la société mathématique Turque au Président de la Société mathématique de Tunisie:** This letter aims to inform the members of Société Mathématique de Tunisie about mathematical events like conferences, symposiums, workshops that will be held in TURKEY. Your members can be find the event list at website: www.turkmath.org
It can also be found in the website about education, job opportunities and statistics related to mathematics in Turkey.

- Bourses d'excellence pour soutenir des étudiants qui souhaitent suivre le Master 2 MPA pendant l'année 2018-19. Ces bourses sont financées par le laboratoire avec le soutien du groupement Euro-Maghrébin de mathématiques et de leurs Interactions (ge2mi). L'appel d'offre se trouve sur la page suivante: <http://math.unice.fr/departement/bourses-de-master-master-scholarships>

- ECMTB 2018: The 11 th European Conference on Mathematical and Theoretical Biology (ECMTB 2018) will be held in Lisbon, Portugal, from 23 to 27 July, 2018. The template for abstract preparation is available. The ECMTB 2018 Organizing Committee is setting up a Mentorship Program to facilitate research and career interactions between junior and senior scientists attending the meeting. Participants of ECMTB 2018 can sign up to be part of the mentorship program, either as a mentee, a mentor, or both. If you wish to participate in the Mentorship Program at ECMTB 2018, please fill in the [REGISTRATION FORM](#) not later than May 10th, 2018. You can find more information about the ECMTB 2018 Mentorship Program [here](#).

- The IPC for ICMI Study 24 School Mathematics Curriculum Reforms: Challenges, Changes and Opportunities invites submissions of contributions of several kinds which include: research papers related to school mathematics curriculum reform issues; theoretical, cultural, historical, and epistemological essays (with deep connection to curriculum reforms); discussion and position papers analysing curriculum policy and practice issues; synthesis and meta-analysis reports on empirical studies; reviews of curriculum reform efforts, especially at macro levels; and papers on comparative studies in curriculum reform initiatives.
 - Authors must select one theme from among the five described in the ICMI Study 24 Discussion Document to which their paper must be submitted.
 - Authors are expected to consider the questions listed below each theme in the Discussion Document in making their decision to submit papers.
 - To ensure a rich and varied discussion, participation from countries with different economic capacity, and different social, political and cultural heritage and practices is encouraged.
 - The IPC encourages people who are not familiar with such conferences to submit early and request assistance for finalising their contribution (by 28 February, 2018 - this ICMI Study 24 Discussion Document assistance concerns the choice of the paper topic, theme or structure, not the editing of English language). In this way, the IPC supports a tradition of helping newcomers to the international mathematics education community.
 - An invitation to the conference does not imply that a formal presentation of the submitted contribution will be made during the conference or that the paper will appear in the study volume published after the conference.

Submission:

- A template for the submission of papers is available on the ICMI Study 24 website: <http://www.human.tsukuba.ac.jp/~icmi24/>

- Papers prepared in English (the language of the Study Conference) according to the template and a maximum of 8 pages must be submitted by the deadlines set out below.

Deadlines:

- 30 April, 2018: Submissions must be made online no later than 30 April, 2018, but earlier if possible.
- 30 June, 2018: Papers will be reviewed, decisions made about invitations to the conference, and notification of these decisions will be sent to the corresponding/main author by the end of June.

Information about registration, visa application, costs, and details of accommodation may be found on the <http://www.human.tsukuba.ac.jp/~icmi24/>.

The Study Conference will be held in Tsukuba/Japan 25-30, November 2018. For further questions, please contact the Co-chairs: Yoshinori Shimizu and Renuka Vithal: <http://www.human.tsukuba.ac.jp/~icmi24/ipc>

- The Aga Khan University (AKU), Institute for Educational Development East Africa is organising the fifth Africa Regional Congress of ICMI on Mathematical Education (AFRCIME). The AFRCIME was launched in 2005 and aims to offer a forum for mathematics educators throughout Africa. This event will take place at the AKU campus in Dar es Salaam, Tanzania from August 29-31, 2018.
- The 6th HLF will take place from September 23 to 28, 2018 (with young researcher registration on September 22). This prominent, versatile event combines scientific, social and outreach activities in a unique atmosphere, fueled by comprehensive exchange and scientific inspiration. Laureate lectures, young researcher workshops and a structure welcoming unfettered discussions are the elements that compose the Forum's platform. Over the course of the week-long HLF, young researchers will be given the exclusive possibility to profoundly connect with their scientific role models and find out how the laureates made it to the top of their fields. All applications that are completed and submitted by the deadline are meticulously reviewed by an international committee of experts to ensure that only the most qualified candidates are invited. There are 100 spaces available for each discipline of mathematics and computer science. All applicants will be notified by the end of April 2018 whether or not they will be invited. For questions regarding requirements and the application process, please contact Young Researchers Relations at: yr@heidelberg-laureate-forum.org
For more information, please visit: www.heidelberg-laureate-forum.org

- Le « Tunisian Journal of Mathematics » sur le site de l'IHES:

<https://www.ihes.fr/nouvelle-revue-internationale-de-mathematiques/>

<https://www.ihes.fr/en/new-international-mathematics-journal/>

- Les maths Campus : une idée à reproduire au Maghreb

<http://mathcamp.brockubeta.ca/>

- Accord de réciprocité entre la SMT et la SMF

<http://smf.emath.fr/content/accords-de-reciprocite>

- Les conférenciers du congrès international des mathématiciens ICM2018

<http://www.icm2018.org/portal/en/icm-speakers>

UPCOMING EVENTS

- **Workshop on PDE's: Modelling & Theory:**
09-10 May 2018, Palais des Sciences, Monastir.
<http://conference.ur-acedp.org/>

- Journée des Thésards du Labo EDP
10 mai 2018 Salle des Séminaires n°3
Département de mathématiques Faculté des Sciences de Tunis.

- **Journées des doctorants de la société Mathématique de Tunisie**: La 2^{ème} édition des journées des doctorants de la société Mathématique de Tunisie aura lieu du 11 au 13 Mai 2018.

- **Ecole d'été : Polynômes Orthogonaux et Fonctions Spéciales :**
Ecole Supérieure des Sciences et de Technologie de Hammam Sousse. 25-29 juin 2018.
<http://www.essths.rnu.tn/OPSF-S8/acceuil.html>

- **ECMB 2018**: The 11th European conference on Mathematical and theoretical biology (ECMTB 2018) will be held in Lisbon, Portugal, from 23 to 27 July, 2018.
Abstract submission for contributed talks and posters closed on 20 February 2018. The template for abstract preparation is available.
Registration: <https://docs.google.com/forms/d/e/1FAIpQLSfxtMwIqoHc4z2jrX5aZg2-2fJdrUMINsi991zDtEX2JsARTA/viewform>

- **Journées d'Analyse Mathématique et Applications JAMA2018** en l'honneur du Professeur Néjib Ben Salem. Hammamet du 14 au 16 décembre 2018.

Pour le Bureau de la SMT
Ali Baklouti, Président

