



Société Mathématique de Tunisie

News-letter: Août 2018

NEWS

- A new issue of [Tunisian Journal of Mathematics](https://msp.org/tunis/2019/1-3/index.xhtml) (Vol 1- Num 3) is published. You can see it at <https://msp.org/tunis/2019/1-3/index.xhtml>

- **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 3 (Juillet 2018) est disponible sur le site du journal:
<https://www.degruyter.com/view/j/apam.2018.9.issue-3/issue-files/apam.2018.9.issue-3.xml>

- Proceedings of CSMT2017. To appear in the journal APAM (<https://www.degruyter.com/view/j/apam>) in October 2018: By Ali Baklouti.
<http://www.tms.rnu.tn/cv/proceedingstms18.pdf>

- **Médailles Fields2018**: Les médailles Fields (les prix Nobel des mathématiques) ont été annoncées à l'ICM de Rio. Les 4 lauréats sont :

Caucher Birkar (Kurdistan) professeur à l'Université de Cambridge.
Alessio Figalli (Italie) Professeur à l'école polytechnique fédérale de Zurich.
Peter Scholze (Allemagne) Professeur à l'université rhénane Frédéric-Guillaume de Bonn.
Akshay Venkatesh (Australie) Professeur à l'Université de Stanford.

<http://www.larecherche.fr/math%C3%A9matiques-m%C3%A9daille-fields/m%C3%A9dailles-fields-2018-internationalisation-et-concentration>
Peter Scholze (30 ans) est le géomètre arithméticien expert en théorie de Hodge p-adique et dans le programme de Langlands. Il s'agit de l'éclosion d'un grand génie des mathématiques. Il a présenté sa théorie des perfectoides qui est devenue depuis un outil fondamental en géométrie arithmétique. Scholze participera à la [conférence de géométrie arithmétique à Carthage](#) qui aura lieu en juin prochain à Beit al Hikma sous l'auspice de la [Société Mathématique de Tunisie](#).

- **The 6th Heidelberg Laureate Forum (HLF)**: The 6th Heidelberg Laureate Forum (HLF) <http://www.heidelberg-laureate-forum.org>, will take place in Heidelberg, Germany during September 23 – 28, 2018. At HLF all winners of the Fields Medal, the Abel Prize, the ACM A.M. Turing Award, the Nevanlinna Prize, and the ACM Prize in Computing are invited to attend. In addition, young and talented computer scientists and mathematicians are invited to apply for participation. The previous HLFs have been an exceptional success. The HLF serves as a great

platform for interaction between the masters in the fields of mathematics and computer science and young talents. Applications for participation at the 6th HLF are open in three categories: Undergraduates, PhD Candidates, and PostDocs. See the webpage

www.application.heidelberg-laureate-forum.org

for the online application and further information. The IMU Adhering Organizations and national mathematical societies can nominate young researchers. Nominated persons get "priority treatment", but, since there may be too many nominations, they have no acceptance guarantee. During the nomination process you will be asked for an Org-ID, which is IMU38526 for the IMU. The deadline for application is February 9, 2018. IMU asks its Adhering Organizations to distribute this information among their national mathematical communities, if possible through the newsletters of the national mathematical societies. The HLF was initiated by the late German entrepreneur Klaus Tschira, and is supported by the Klaus Tschira Foundation, The Norwegian Academy of Science and Letters, The Association for Computing Machinery, as well as The International Mathematical Union.

- **The Ramanujan Prize for young mathematicians from developing countries:** The Ramanujan Prize for young mathematicians from developing countries has been awarded annually since 2005. The Prize is funded by the Department of Science and Technology of the Government of India (DST). It is administered jointly by the Abdus Salam International Centre for Theoretical Physics (ICTP), the International Mathematical Union (IMU), and the DST. The Ramanujan Prize is usually awarded to one person, but may be shared equally among recipients who have contributed to the same body of work. The Prize is awarded annually to a researcher from a developing country who is less than 45 years of age on 31 December of the year of the award, and who has conducted outstanding research in a developing country. The deadline for receipt of nominations is 1 February 2018. Nominations can only be made by using the online system. See <https://e-ramanujan.ictp.it/nominator>
- The IMU Bulletin No. 68, reporting about the IMU activities in 2016, is available on the IMU Web server at <https://www.mathunion.org/membership/imu-bulletins>
- Le [TJM](#) sur la Gazette de la SMF:
http://smf4.emath.fr/Publications/Gazette/Nouveautes/smf_gazette_156_62-62.pdf
- Les accords de réciprocité passés entre la SMF et la SMT permettent aux adhérents de la SMT d'adhérer à la SMF (pour l'année 2019) à un tarif préférentiel.
<http://smf.emath.fr/content/accords-de-reciprocite>
- Hommage à Brahim Mabrouk (1939-2018). Une vie professionnelle riche et respectée.
<http://www.tms.rnu.tn/cv/brochuresouvenir.pdf>
- Arithmetic Geometry in Carthage, June 17 to 28, 2019 in the Tunisian Academy [Beit al-Hikma](#).: A two week program on arithmetic geometry will take place in Carthage in the city of Tunis (Tunisia), from June 17 to 28, 2019 (slightly more than one year from now). The first week will be devoted to a summer school (June 17-21, 2019) and the second week to a conference (June 24-28, 2019). Both the conference and the summer school will take place in the Tunisian Academy [Beit al - Hikma](#) located in a nice [Palace](#) from the [middle of the 19th century](#), erected on an ancient archeological site at the foot of Carthage hill next to Antoninus Thermae and the [Punic ports of Carthage](#), overlooking the sea.

Further information is available at: <http://www.ihs.fr/~abbes/GAC/gac.html>
[Registration on the web](#) is mandatory both for the Summer School and the Conference. We will close registrations when the maximum capacity of the conference hall is reached (a hundred participants). Registered participants will receive later practical information. They will be kindly requested to pay the registration fees, around 200 euros for each week. The fees include the lunch buffet during the conference and the summer school, but not the housing. A travel agency has been mandated to negotiate group rates at hotels suitable for the venue of the conference.

- 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.

- **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>
- 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 (AFRICME). The AFRICME 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/>

UPCOMING EVENTS

- **Journées d'Analyse Mathématique et Applications JAMA2018** en l'honneur du Professeur Néjib Ben Salem. Hammamet du 14 au 16 décembre 2018.
- 11th Euro-Maghrebian Workshop on Evolution Equations, 3-7 Septembre 2018 à Hammamet, Tunisie.
- Colloque national: Formation à l'esprit scientifique et pédagogies expérimentales FESPE 2018: 11-12 octobre 2018.
- **Arithmetic Geometry in Carthage:**
The Tunisian Academy Beit al-Hikma. 27-28 Juin 2018.
<http://www.ihes.fr/~abbes/GAC/gac.html>

Pour le Bureau de la SMT
Ali Baklouti, Président

