



# Société Mathématique de Tunisie

## News-letter: Mars 2018

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### NEWS

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- **The Abel Prize 2018:** The Norwegian Academy of Science and letters hereby calls for nominations of candidates for the Abel Prize 2018. The Abel Prize amounts to NOK 6 million. The Abel Prize recognizes outstanding scientific work in the field of mathematics, including mathematical aspects of computer science, mathematical physics, probability, numerical analysis and scientific computing, statistics and applications of mathematics in the sciences. The Abel Prize may be awarded to one single person, or shared for closely related fundamental contributions. The first instalment of the Abel Prize was in 2003. For laureates up until 2017, please consult [www.abelprize.no](http://www.abelprize.no).  
The Norwegian Academy of Science and Letters awards the Abel Prize on the basis of a recommendation from the Academy's Abel Committee, chaired by an Academy member and consisting of four further members elected amongst names put forward by the International Mathematical Union and Union and the European Mathematical Society. The Abel Committee receives all nominations and may itself nominate candidates for the Abel Prize. The name of the Abel Laureate will be announced in March 2018. The award ceremony will take place in Oslo in May 2018.
- **Premier volume du journal: Tunisian Journal of Mathematics:** Le premier volume du [Tunisian Journal of Mathematics](http://misp.org/tunis/2019/1-1/index.xhtml) est maintenant disponible en accès libre sur le site du journal:<https://misp.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://misp.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.misp.org/submit\\_new.php?jpath=tunis](https://ef.misp.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 officiellement rendu journal soutenu et associé à la société mathématique de Tunisie. Le dernier volume de APAM : Volume 9, Issue 1 (Jan 2018) est maintenant disponible sur : <https://www.degruyter.com/view/j/apam.2018.9.issue-1/issue-files/apam.2018.9.issue-1.xml>
  
- **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](http://www.turkmath.org)  
 It can also be found in the website about education, job opportunities and statistics related to mathematics in Turkey.
  
- **Olympiades Tunisiennes de résolution de problèmes** :  
 La première édition des « Olympiades Tunisiennes de résolution de problèmes » TOPS, dédiée aux étudiants et lycéens, se déroulera le 17 et 18 mars 2018 à Tunis. Pour y participer, une session de qualification est planifiée simultanément dans diverses régions en Tunisie le 3 Mars 2018. Les enseignants des l'université peuvent informer leurs étudiants qui désirent participer à cette compétition afin de s'inscrire sur le site <http://iops.online/UCG/inscription.html> jusqu'au 25 Février 2018.
  
- 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](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 (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](mailto:yr@heidelberg-laureate-forum.org)

**For more information, please visit: [www.heidelberg-laureate-forum.org](http://www.heidelberg-laureate-forum.org)**

- MAJDI BEN HALIMA: A brilliant mathematician turned off at early age: by Ali Baklouti  
<http://www.tms.rnu.tn/cv/mbh.pdf>
- Vidéos des conférences d'Ivar Ekeland à Tunis:  
<https://www.youtube.com/watch?v=8381exkzZoI>  
<https://www.youtube.com/watch?v=IE73hDOirUY>
- **Les revues MSP:** Les revues [MSP](#) (Mathematical Sciences Publishers) sont désormais accessibles librement via le portail Math jusqu'au 31 mars 2018.  
Il s'agit de :
  - Innovations in Incidence Geometry Algebraic, Topological and Combinatorial (à venir)
  - Tunisian Journal of Mathematics (à venir)
  - Algebra & Number Theory
  - Algebraic & Geometric Topology
  - Analysis & PDE
  - Annals of K-Theory
  - Communications in Applied Mathematics and Computational Science
  - Geometry & Topology
  - Involve, a Journal of Mathematics
  - Journal of Software for Algebra and Geometry
  - Mathematics and Mechanics of Complex Systems
  - Pacific Journal of Mathematics
- **International Master in Mathematical Physics :** Institut de Mathématiques de Bourgogne Université de Bourgogne. Dijon, France Academic year: 2018-2019. The Department of Mathematics of the Université de Bourgogne offers in a one- or two-year master program in Mathematical Physics.  
Advanced students may be admitted to the 2nd year of the Master. Students who will successfully complete the M.Sc. program will be encouraged to apply to one of the Ph.D. fellowships that will be available for pursuing their studied in Dijon at the doctorate level.  
The main aim of this program is to provide advanced lectures on the mathematical methods of modern theoretical physics in the framework of mathematics cursus. We offer lecture courses for the students with background in mathematics or mathematical physics giving an introduction to the mathematical methods used for such branches of

theoretical physics as quantum field theory, statistical mechanics, general relativity, gauge theories, string theory etc. The coursework will cover different fields of mathematics (algebra, geometry, analysis) and will highlight their applications to the problems of theoretical and mathematical physics.

The student will be integrated from the very beginning into the mathematical physics group of the IMB (Institut de Mathématiques de Bourgogne) and will have to prepare by the end of their 2nd year a master dissertation under the supervision of a member of the Institute. The offered courses will include:

1st year of the Master (M1)

Differential geometry

Fourier analysis

Functional analysis

Groups and representations

Mathematical methods of classical mechanics

Partial differential equations

Quantum Mechanics

Numerical methods

2nd year of the Master (M2)

Mathematical methods of quantum physics

Riemann geometry and integrable systems

Lie groups and Lie algebras

Quantum groups

Cohomological field theories

Mathematical methods of gravitation

All the lectures will be given in English. We will also provide several mini courses by the research visitors of the IMB as well as by invited professors in the framework of the Erasmus program.

We expect to have up to 10 fellowships for students. The interested candidates are strongly advised to already get in touch with us, and send a cv to:

For admission in M1: [Giuseppe.Dito@u-bourgogne.fr](mailto:Giuseppe.Dito@u-bourgogne.fr)

For admission in M2: [Nikolai.Kitanine@u-bourgogne.fr](mailto:Nikolai.Kitanine@u-bourgogne.fr)

- 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>

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## UPCOMING EVENTS

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- **Congrès annuel de la société mathématiques de Tunisie (CSMT18):**  
19-22 Mars 2018 à Tabarka.
- **La 3<sup>ème</sup> conférence de mathématiques Gafsa 2018.**  
Gafsa, 26-28 Mars 2018.  
<http://www.tms.rnu.tn/cv/mcg2018.pdf>
- **Spring school : Economy, Finance and Ordered Spaces.**  
March, 26-30, 2018. Faculty of Sciences of Tunis.  
<http://ordre.tn/spring-school/>
- **13<sup>ème</sup> colloque Maghrébin sur l'histoire des mathématiques arabes (COMHISMA13) :**  
30 -31 MARS ET 1<sup>E</sup> AVRIL 2018 EN TUNISIE.  
Contact : [mahdi.abdeljaouad@gmail.com](mailto:mahdi.abdeljaouad@gmail.com)
- **Order and Banach Spaces and applications in Economy.**  
Tunis Sciences City: April, 2-6, 2018.  
<http://ordre.tn/workshop-obse/?i=1>
- **Ecole CIMPA 2018: CONTRÔLE, PROBLÈMES INVERSEES ET GÉOMÉTRIE :**  
18-28 avril 2018 à Hammamet.  
<http://lamsin.enit-lr.tn/cimpa18-Tunisie/>
- **Workshop on PDE's: Modelling & Theory:**  
09-10 May 2018, Palais des Sciences, Monastir.  
<http://conference.ur-acedp.org/>
- **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/accueil.html>
- **ECMB 2018:** The 11<sup>th</sup> 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>

Pour le Bureau de la SMT  
Ali Baklouti, Président

