



Société Mathématique de Tunisie
News-letter: July 2019

Ce bulletin est aussi disponible sur <http://www.tms.rnu.tn>

Nouvelles Notifications

- **Journée d'été des tunisiens résidant à l'étranger:** Le 24 juillet 2019 à l'institut des hautes études touristiques Sidi Dhrif, Tunis.
<http://www.tms.rnu.tn/cv/ajemt19.pdf>

- **Bourses d'études Université de Lyon 2019-France :** Les bourses d'excellence Ampère et les bourses MILYON de l'ENS Lyon permettent à d'excellents étudiants internationaux de suivre l'un des programmes de master éligibles proposés à l'ENS de Lyon. Pour tous les étudiants inscrits en Master L'ENS de Lyon et ses partenaires proposent des bourses à d'excellents étudiants internationaux pour s'inscrire à ses programmes de master en Sciences exactes, arts et sciences humaines et sociales.
Les dossiers de candidature (Lettre de Motivation, Curriculum Vitae, Certificat de diplômes et diplômes déjà obtenus et Relevé de notes universitaire) devront être adressés par courrier électronique à l'adresse suivante : lyonbourses@gmail.com
Plus d'information : <https://bourses-etudes.net/bourses-detudes-universite-de-lyon-2019/>

- **ZbMATH switches to LaTeX :** The zbMATH database has been produced until now using Michael Spivak's macro package AMS-TeX. This typesetting system was first employed in our database in 1992. Back then, the main priority was the production of printed volumes, which

were typed using this robust version of plain TeX. Later the printing of volumes became obsolete and the need of an online database was obvious. Our developers implemented this database using the relational system PostgreSQL encoded with ASCII characters.

More than 90% of all mathematical publications are currently typeset using LaTeX and more importantly for us, 90% of the reviews that we receive are written in LaTeX. <https://zbmath.org/>

- **Abel Prize 2020 : Call for nominations :** The Norwegian Academy of Science and Letters hereby calls for nominations of candidates for the Abel Prize 2020. 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 2019, please consult 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 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 2020. The award ceremony will take place in Oslo in May 2020.

We hereby invite you (or your society or institution) to nominate candidate(s) for the Abel Prize 2020. Your nomination should be accompanied by a description of the work and impact of the nominee/nominees, together with names of distinguished specialists in the field of the nominee/nominees who can be contacted for an independent opinion.

Your letter of nomination should be sent no later than September 15, 2019.

For nomination form and further information, please visit:

<http://www.abelprize.no/c53676/artikkel/vis.html?tid=53705>

- **Renforcement d'action d'échange et de partenariat entre le Palais des Sciences de Monastir et des Universités nationales** : Le PSM lance une première série d'actions qui visent à valoriser la recherche scientifique nationale et à booster l'ouverture des universités et des chercheurs sur leur environnement socio-économique. A cette fin :
 - des journées LABO pourraient être organisées gratuitement dans les locaux du PSM,
 - des ateliers, des séminaires ou des congrès à différentes échelles pourraient être organisés en partenariat au PSM,
 - possibilité de participation rémunérée d'experts, de chercheurs et des universitaires au programme "Conférences scientifiques grand public".

 - **Next International Congress of Mathematicians, the ICM 2022**: The ICM 2022 will take place 6–14 July 2022 in St. Petersburg, Russia. The 19th General Assembly of the IMU will be held in St. Petersburg, on 3–4 July 2022. The official website of the Congress is <https://icm2022.org>
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Notifications en cours

- **Système national du Doctorat** : L'Académie tunisienne des sciences, des lettres et des arts *Beit al-Hikma* vient d'achever le rapport final sur «l'Etude sur le Système National du Doctorat». Pour lecture et téléchargement, prière vous référer au lien suivant :
<https://www.beitalhikma.tn/fr/etude-sur-le-systeme-national-du-doctorat/>

- **An invitation to write a monograph on the occasion of the centennial of the International Mathematical Union**: The IMU was founded in 1920, and on the occasion of the upcoming centennial, the IMU EC proudly announces an invitation to write a monograph. The invitation is open for all. The deadline for submitting a bid is 1 August 2019. The project is generously funded by the Klaus Tschira Foundation in Heidelberg, Germany.

- **Afrique: Les ateliers Animath & Campus France:**
<http://www.tms.rnu.tn/cv/animath2019.pdf>
- **CIMPA Research Schools** that will take place in 2019 through this link.
Application for funds through the web site:
<https://students.cimpa.info/login>
- **Appel à projet 2019 de la National Natural Science Foundation of China (NSFC)** : <http://www.nsf.gov.cn/publish/portal2/tab189/info72626.htm>

➤ **ICM Structure Committee** : At the 2018 General Assembly of the IMU in São Paulo it was decided on the recommendation of the Executive Committee to establish the ICM Structure Committee (SC). Up to ICM 2018, the responsibility to determine the scientific program (sections and the number of talks in each section), appoint panel members who recommend the speakers, as well as decide all speakers for the forthcoming ICM, has resided with the omnipotent Program Committee (PC). It is a fact that the sections have varied very little over time. The aim now is to keep pace with and reflect the development of all fields of mathematics in order to make the ICM a showcase of modern mathematics.

The ICM Structure Committee will be responsible for the scientific program of the next ICM in St Petersburg, while leaving the selection of the speakers with the PC. Former IMU President László Lovász is the Chair of the SC.

Membership of the ICM Structure Committee is as follows:

László Lovász [chair]

Carlos Kenig [IMU President, ex officio]

Nalini Anantharaman

Alexei Borodin

Annalisa Buffa

Irene Fonseca

János Kollár

Terry Lyons

Stephane Mallat

Hiraku Nakajima

Terence Tao

Éva Tardos

Peter Teichner

Akshay Venkatesh

Anna Wienhard

The ICM Structure Committee is encouraged to interact with the Mathematical community worldwide.

- **The Abbes Bahri Visiting Position** : The position offers possibilities for researchers outside of Tunisia to visit the country for a period of at least 10 days and at most 3 weeks, to interact and collaborate with faculty and students in Tunisia. The position must be hosted by one or two faculty members in a Tunisian University. The Abbes Bahri Fellow must be an academic staff (faculty or postdoc) from a non-Tunisian university or research institution who wishes to establish and/or enhance ongoing research collaborations. The fellowship is open to all fields of pure Mathematics.

Award: The fellowship covers travel (if necessary), accommodation and local living expenses. Conditions: It is expected that the AB-fellow will interact with researchers on current and planned research projects and give seminars to faculty, graduate and postgraduate students. Conditions: It is expected that the AB-fellow will interact with researchers on current and planned research projects and give seminars to faculty, graduate and postgraduate students. Pour plus d'informations, prière visiter le site : <https://www.mims-institut.org/Pages/details/12abbas-bahri-visiting-position>

- **The Tunisian Journal of Mathematics (TJM)** : The editors of TJM are pleased to announce that the four issues of the first volume of the [Tunisian Journal of Mathematics](#) are now freely available on the journal website:
<https://msp.org/tunis/2019/1-1/index.xhtml>
<https://msp.org/tunis/2019/1-2/index.xhtml>
<https://msp.org/tunis/2019/1-3/index.xhtml>
<https://msp.org/tunis/2019/1-4/index.xhtml>

These articles have a 2019 cover date and will be free to read until the end of calendar year 2018. Paid subscriptions to TJM will start in 2019. TJM aims to be a high-level generalist journal that positions itself immediately after the most selective journals. We have the great pleasure of inviting you to submit an article to TJM :

https://ef.msp.org/submit_new.php?jpath=tunis

We also would be grateful if you could ask your library to subscribe to this new journal.

- **TJM first issue of the second volume has just been published on the web:**
<https://msp.org/tunis/2020/2-1/index.xhtml>
- **Le [Tunisian Journal of Mathematics](https://msp.org/tunis/2020/2-1/index.xhtml) est sur MathSciNet :**
<https://mathscinet.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=367998>
- **Offre de bourses:** SISSA, Trieste is offering several fully funded PhD positions in Maths, starting in October 2019. There are two different curricula: "Mathematical Analysis, Modeling, and Applications", and "Geometry and Mathematical Physics". At the present stage applications are accepted from international (non-EU) candidates only. A new call for all applicants (both EU and non-EU) will be opened early in 2019. Non-EU candidates can now apply online through the web page <https://www.sissa.it/phd-courses>
- **Open Access Ebook Program Expands :** JSTOR now offers [4,000 Open Access titles](#) from 56 scholarly publishers. These titles meet the same high standards for quality as all other content on our platform. The ebooks are freely available to anyone who wishes to use them, with no need for library access or a log-in. The full text of this content is searchable and accessible on [JSTOR.org](https://www.jstor.org). More than [400 titles published by El Colegio de México](#) have been added to the Open Access collection, and a total of 600 titles from this publisher will be available by the end of this year.
- **Nouvelles contraintes de publication imposées par dix agences de recherche européennes à partir du 1er janvier 2020 :**
<https://www.scienceurope.org/coalition-s/>
- **International Day of Mathematics.** The IMU is leading the project to declare an International Day of Mathematics (IDM) to be created as ("Pi Day"). UNESCO is the authority to proclaim IDM, the first celebration of IDM is expected to be on March 14 in 2020. For more information see also the IMU webpage : <https://www.mathunion.org/outreach/IDM>.
- **A letter from [MSP](#), the nonprofit publisher to the [editors](#) of [Tunisian Journal of Mathematics \(TJM\)](#):** EditFlow earns frequent kudos and is now in use at more than 65 journals. As an organization built by and for

mathematicians, we want EditFlow to spread even further, especially now that Elsevier has purchased Editorial Manager (the EditFlow-like software used by Springer, Taylor & Francis, etc.). If you know of any journals with a possible interest in switching to EditFlow, please send them our way. On the publications side, we're excited to have three new journals in addition to TJM. With library budgets under increasing pressure, it was a big decision for us to adopt and start new journals, but the way we see it, every page published by MSP is a page not published by one of the big commercial publishers. All four of our new journals are available free online in 2018 and by subscription starting in 2019:

- Innovations in Incidence Geometry: Algebraic, Topological and Combinatorial (previously published at Ghent University in Belgium)
<https://msp.org/iig/about/journal/editorial.html>

- Moscow Journal of Combinatorics and Number Theory (previously published by the Moscow Institute of Physics and Technology)
<https://msp.org/moscow/about/journal/editorial.html>

- Pure and Applied Analysis (brand new, led by chief editors Charles Epstein and Maciej Zworski)
<https://msp.org/paa/about/journal/editorial.html>

- Tunisian Journal of Mathematics
<https://msp.org/tunis/about/journal/editorial.html>

If you'd like to contribute to MSP's mission to defend, expand and strengthen independent scientific publishing, one of the best things you can do is to make sure your institution's library subscribes to one or more of our journals.

➤ **Edit Flow links and MSP journals :**

short video: <https://youtu.be/bGTNKXtSRwY>

testimonials: <https://msp.org/software/editflowquotes>

other journals using it: <https://msp.org/software/editflowjournals>

more about EditFlow: <https://msp.org/software/editflow>

more about MSP: <https://msp.org/about>

Algebraic & Geometric Topology: <https://msp.org/agt>

Algebra & Number Theory: <https://msp.org/ant>

Analysis & PDE: <https://msp.org/apde>

Annals of K-Theory: <https://msp.org/akt>

Comm. in Applied Math. and Computational

Science : <https://msp.org/camcos>

Geometry & Topology: <https://msp.org/gt>

Innovations in Incidence Geometry: <https://msp.org/iig>

Involve, a Journal of Mathematics: <https://msp.org/involve>
Journal of Mechanics of Materials and Structures : <https://msp.org/jomms>
Journal of Software for Algebra and Geometry: <https://msp.org/jsag>
Mathematics and Mechanics of Complex Systems : <https://msp.org/memocs>
Moscow Journal of Combinatorics and Number Theory
<https://msp.org/moscow>
Pacific Journal of Mathematics: <https://msp.org/pjm>
Pure and Applied Analysis: <https://msp.org/paa>
Tunisian Journal of Mathematics: <https://msp.org/tunis>

- 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>
- **Lettre de l'Institut Américain des sciences mathématiques au Président de la Société Mathématique de Tunisie** : While the AIMS conference at Taipei was concluded with more than 1,600 participants not long ago, it is time that we report to you about the preparation for the **13th AIMS conference** at Atlanta (June 5-9, 2020). We have lined up a list of impressive plenary speakers: Arnaud Debussche (France), Manuel del Pino (UK), Song Jiang (China), Carlos Kenig (USA), Bryna Kra (USA), Camillo De Lellis (USA), Rafael de la Llave (USA), Carola Schoenlieb (UK), Gigliola Staffilani (USA), and Xiaoyun Wang (China). You are cordially invited to this important event, so please mark your calendar and plan to participate. **Proposals to organize Special Sessions** are welcome. Free access to all AIMS journals for participants will be set up in time. You may view and contribute to our latest journal, **Foundations of Data Science**."

AIMS journals have adopted the online submission system, EditFlow, which is the most user-friendly system in the business and used by all the journals of the American Mathematical Society. You are invited to experience and experiment with this system by submitting your next article to a suitable AIMS journal in any area of the broad field of applied mathematics. The reviewing process will be efficient and the tracking of your submission will be convenient. You may also sign-up for the "Email Alert" to any AIMS journal to get free access to full contents for a full month. We at AIMS are all grateful for your participation as an author, editor, referee, and participant in an AIMS conference. I am looking forward to meeting with you at Atlanta in 2020.

- **CIMPA School 2021, Call for projects:** <https://www.cimpa.info/node/41>

UPCOMING EVENTS

- **Journées des Doctorants de l'École Supérieure des Sciences et de la Technologie d'Hammam Sousse** : 3- 4 juillet 2019.
<http://www.essths.rnu.tn>
- **Journée d'été des tunisiens résidant à l'étranger**: Le 24 juillet 2019 à l'institut des hautes études touristiques Sidi Dhrif, Tunis.
<http://www.tms.rnu.tn/cv/ajemt19.pdf>
- **Third meeting of TWMA**: International School on Dynamical systems and Applications, Monastir, September 5-10, 2019 : <http://www.tunwma.tn/>
- **New Trends In Analysis And Probability** : Hammamet, September 23-26, 2019 : <https://ntap2019.sciencesconf.org/>
- **Journées de Statistique Mathématique et Data Science** : Hammamet, Novembre 01-04, 2019 : <http://www.tms.rnu.tn/>
- **Maghrebien Meeting of Young Researchers in Pure and Applied Mathematics –MYRPAM** : Hammamet, 9-13 december, 2019.
<http://www.myrpam19.lamsin.tn/>
- **Sixth Tunisian-Japanese Conference on Geometric and harmonic analysis on homogeneous spaces and Applications** : 16-19 decembre 2019.
Contact : Ali.Baklouti@fss.usf.tn
https://sites.google.com/view/tunisian-japanese_conference/home/2019-6th
- **Indrum 2020** : Third Conference of International Network for Didactic Research in University Mathematics, Bizerte, Mars 27-29, 2020.
<https://indrum2020.sciencesconf.org/>
- **Colloque "Analyse Appliquée et Modélisation" en mémoire d'Ezzedine Zahrouni**: 15-18 octobre 2020 à Monastir
<http://www.tms.rnu.tn/cv/ezzedinezahrouni.pdf>

- **International Congress of Mathematicians, the ICM 2022:** The ICM 2022 will take place 6–14 July 2022 in St. Petersburg, Russia. The 19th General Assembly of the IMU will be held in St. Petersburg, on 3–4 July 2022. The official website of the Congress is <https://icm2022.org>

Pour le Bureau de la SMT
Ali Baklouti, Président

