



## Société Mathématique de Tunisie

News-letter: Janvier 2020

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texte à: [tms@tms.rnu.tn](mailto:tms@tms.rnu.tn)

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### Nouvelles Notifications

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- **25<sup>ème</sup> colloque annuel de la SMT, CSMT2020:** La première annonce du 25<sup>ème</sup> colloque annuel de la SMT est à consulter sur le site :  
[http://www.tms.rnu.tn/cv/p\\_annonce2020.pdf](http://www.tms.rnu.tn/cv/p_annonce2020.pdf)  
Les collègues qui désirent participer au colloque, peuvent s'inscrire en ligne suivant le lien: <http://www.tms.rnu.tn/cin.php>
- **SMT et  $\pi$ -Day :** la société mathématique de Tunisie participe à la célébration de la journée internationale des mathématiques (IDM), le 14-03-2020 à l'Institut supérieur des Sciences Appliquées et de Technologie à Mahdia. Le programme de la journée sera disponible sur le site de la SMT.
- **New issue of TJM:** TJM vol 2:3 has just been published on the web:  
<https://msp.org/tunis/2020/2-3/index.xhtml>  
Further articles to appear in the forthcoming issues are listed here:  
<https://msp.org/scripts/coming.php?jpath=tunis>  
We renew the invitation to submit an article for TJM at  
[https://ef.msp.org/submit\\_new.php?jpath=tunis](https://ef.msp.org/submit_new.php?jpath=tunis)  
and to ask your library to subscribe to the journal.
- **Postgraduate Diploma Programme in Mathematics:** ICTP is now accepting applications for the 2020-2021 Postgraduate Diploma Programme. The application period ends on February 29, 2020. The Mathematics Diploma Programme is a year-long, intensive course designed for young graduate mathematicians from developing countries who want to solidify their background in preparation for graduate school. It is taught in English.

The ICTP Math section is a vibrant, diverse community of scientists, comprising permanent members and visitors. On top of following a demanding programme of courses, Diploma students have the opportunity to interact at ICTP with first-rate mathematicians from all over the world, including scientists from nearby Trieste institutions SISSA and UNITS. All students take an introductory Italian course upon arrival.

The ICTP Math Diploma is a gateway to graduate programmes in Europe and America. In the recent past, our students have successfully obtained positions to pursue graduate studies in Italy (including SISSA in Trieste), Germany, France, Austria, UK, Spain, Holland, Sweden, Switzerland, Russia, USA and Canada.

Please visit the Math Diploma page to see more information.

A limited number of scholarships are awarded to successful candidates from developing countries (with particular emphasis on students from the least developed regions of the world) to cover travel and living expenses during their stay at ICTP. The selection of the candidates is based on their university performance as well as on academic recommendations. The selection committee aims to select the best academically qualified candidates while striving for gender balance and geographical distribution.

Consult the Postgraduate Diploma Programme's application and admissions page for more details:

Contact: [Associates@lists.ictp.it](mailto:Associates@lists.ictp.it)

Website: <https://lists.ictp.it/mailman/listinfo/associates>

- The IMU Bulletin No. 70, reporting about the IMU activities in 2018, is available on the IMU Web server at:  
<https://www.mathunion.org/membership/imu-bulletins>
  
- **Women of mathematics throughout Europe: A gallery of portraits.** La société mathématique de Tunisie organise pendant son [prochain colloque annuel](#) (16-20 mars 2020) une conférence grand public animée par Sylvie Peycha, l'initiatrice du grand projet "Portraits de femmes mathématiciennes": Women of mathematics throughout Europe. A gallery of portraits. <https://womeninmath.net/>  
Initialement cantonnée à l'Europe, l'exposition en a depuis dépassé les frontières comme on peut le constater par le lien: <https://womeninmath.net/all-locations/>
  
- **The 8th Heidelberg Laureate Forum (HLF).** <https://www.heidelberg-laureate-forum.org>, It will take place in Heidelberg, Germany during September 20–25, 2020. 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 8th HLF are open in three categories:

Undergraduates, PhD Candidates, and PostDocs. See the webpage

<https://application.heidelberg-laureate-forum.org/site/index.php>

for the online nomination form. Please note that in compliance with European data protection law all previous login information and nominator accounts were deleted.

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 IMU93258 for the IMU. The deadline for application is February 14, 2020.

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.

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## Evènements à Venir

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- **The Kairouan Mathematics Seminar organizes a scientific day about:** QWN-operator theory and quantum cryptography in the conference room of the Higher Institute of Computer Science and Management of Kairouan (ISIG), January 11, 2020  
<http://www.tms.rnu.tn/cv/affichek2020.pdf>
- **Conference Algebra and Algorithms**, Djerba (Tunisia), from 3<sup>th</sup> to 7<sup>th</sup> of February 2020.  
<http://www.tms.rnu.tn/cv/posterdjerba2020.pdf>
- **25<sup>ème</sup> colloque annuel de la Société Mathématique de Tunisie:** Mahdia du 16 au 19 Mars 2020 à l'hôtel Royal El Mansour  
[http://www.tms.rnu.tn/cv/p\\_annonce2020.pdf](http://www.tms.rnu.tn/cv/p_annonce2020.pdf)
- **Indrum 2020:** Third Conference of International Network for Didactic Research in University Mathematics, Bizerte, Mars 27-29, 2020.  
<https://indrum2020.sciencesconf.org/>
- **A Workshop on Complex Analysis and Geometry**, Mahdia, May 25 -29, 2020 Tunisia.

<http://www.tms.rnu.tn/cv/poster292020.pdf>

- **Mathematics without Borders:** The Centennial of the International Mathematical Union, Strasbourg, 28-29 September, 2020. <http://www.tms.rnu.tn/cv/posterstrasbourg.pdf>
- **Colloque "Analyse Appliquée et Modélisation" en mémoire d'Ezzedine Zahrouni:** 15-18 octobre 2020 à Monastir. <http://www.tms.rnu.tn/cv/ezzedinezahrouni.pdf>
- **Tuniso-Libanese workshop in Control Theory and Related Fields :** Monastir, 30-31 October 2020. <http://tuniso-libanese-workshop.ur-acedp.org/>
- **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

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- **Les mathématiques en Tunisie - un fleuron de la recherche scientifique:** Acquis du présent et défis d'avenir: Par Ali Baklouti et Sadok Kallel, Leaders 12-11-2019. [Shorturl.at/sCHO5](http://Shorturl.at/sCHO5)
- **الرياضيات في بلد قيس سعيد!** : <https://bit.ly/34T65EC>
- **Association Kangourou sans frontières:** La Tunisie (parmi les rares dans le monde arabe et en Afrique) est désormais membre de l'association Kangourou sans frontières, qui est motivée par l'importance des mathématiques dans le monde moderne et assure la promotion de la perception positive des mathématiques dans la société. <http://www.aksf.org/>
- **RFI - Autour de la question: Quelles mathématiques au service du développement?** Pourquoi et comment les outils mathématiques sont devenus un allié indispensable pour répondre aux défis majeurs du développement sur le continent ? <https://bit.ly/2MGljFW>
- **International Day of Mathematics (IDM):** For the last years, IMU has led the project to have UNESCO proclaim March 14 (Pi Day) as the International Day of Mathematics (IDM).  
The IMU is pleased to announce that today the 40th General Conference of UNESCO approved the Proclamation by UNESCO of March 14 as the International Day of Mathematics.

- **Official launch of the IDM:** Since March 14, 2020 is a Saturday, the international official launch will take place on Friday March 13, 2020. There will be two parallel international events: the first one in Paris at the UNESCO Headquarters, and the second one, an African launch, as a plenary event at the Next Einstein Forum 2020 (March 10–13, 2020) in Nairobi, Kenya.
  - **Website of the IDM:** The IDM website is [www.idm314.org](http://www.idm314.org). Countries and organizations are invited to announce their celebrations. A media page, very soon to be online, will contain material to be used by the organizers (logo and flyers in different languages). Open Source material related to the theme will also be available.
  - **IDM theme for 2020:** The theme for IDM 2020 is Mathematics is everywhere. Descriptions in several languages can be found on the website: [www.idm314.org](http://www.idm314.org).
- **The ICMI newsletter:** the news-letters of the International Commission on Mathematical Instruction starting from July 2014 can be found here: <https://bit.ly/2QzXh00>
  - **A tribute to Michael Atiyah:** By Alain Connes and Joseph Kounieher. <https://www.ams.org/journals/notices/201910/rnoti-p1660.pdf>
  - **Youssef Travalay :** « Il est impératif que l'Afrique forme massivement des mathématiciens» <https://bit.ly/2Q8jYtJ>
  - **Fontaine's last article is accepted for publication in Tunisian Journal of Mathematics:** Avant de nous quitter le 29 janvier 2019, [Jean-Marc Fontaine](#) a soumis son dernier article à TJM qui est maintenant accepté pour publication et va apparaître en 2020. Les révisions sont assurées par [Pierre Colmez](#). Une conférence en mémoire de Fontaine (et Jean-Pierre Wintenberger) a eu lieu récemment à Orsay/IHES: <http://wwwf.imperial.ac.uk/~buzzard/LNTS/londonparis.html>
  - **Lettre au Président de la société mathématique de Tunisie :** École CIMPA à l'université de Saïda (Algérie) sur les algébroïdes et groupoïdes de Lie : 04-16 avril, 2020. <https://www.cimpa.info/en/node/6466>
  - **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'Étude 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/>
  - **Les Académies des Sciences en Afrique:** <https://bit.ly/37hMj6H>

- **Proceedings of the fifth Tunisian-Japanese Conference of Geometric and Harmonic analysis and Applications:** In memory of [Majdi Ben Halima](#) :  
<https://link.springer.com/book/10.1007/978-3-030-26562-5>
- **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 2020) à un tarif préférentiel.**  
<https://smf.emath.fr/la-smf/accords-de-reciprocite>
- **CIMPA Research Schools** that will take place in 2019 through [this link](#). Application for funds through the web site: <https://students.cimpa.info/login>
- **CIMPA School 2021, Call for projects:** <https://www.cimpa.info/node/41>
- **Le [Tunisian Journal of Mathematics](#) est sur MathSciNet :**  
<https://mathscinet.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=367998>
- **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](#). 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.
- **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 [13<sup>th</sup> 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.

- **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>
- **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".

Pour le Bureau de la SMT  
Ali Baklouti, Président

