



## Société Mathématique de Tunisie

News-letter: Juin 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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- **Deuxième anniversaire du Tunisian Journal of Mathematics, message des éditeurs :**  
A l'occasion du deuxième anniversaire du Tunisian Journal of Mathematics (TJM), nous avons préparé un [poster](#) du volume 2 qui n'a probablement pas pu être suffisamment exposé et vu à cause du confinement. Vous le trouverez à cette adresse [http://www.ihes.fr/~abbes/Poster\\_TJM\\_vol2.pdf](http://www.ihes.fr/~abbes/Poster_TJM_vol2.pdf)  
Nous entamons la publication du volume 3, dont les premiers articles sont disponibles ici <https://msp.org/tunis/2021/3-1/index.xhtml>  
D'autres articles à paraître prochainement sont listés 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. Nous profitons de ce message pour vous renouveler l'invitation à soumettre un article à TJM à l'adresse suivante  
  
[https://ef.msp.org/submit\\_new.php?jpath=tunis](https://ef.msp.org/submit_new.php?jpath=tunis)  
Si votre bibliothèque n'est pas encore abonnée à TJM, son comité éditorial vous serait très reconnaissant de lui suggérer la possibilité de le faire.
- **The 8th Heidelberg Laureate Forum is postponed until 2021 :** With reference to Circular Letter 2/2020 regarding the 8th Heidelberg Laureate Forum, scheduled to take place in Heidelberg, Germany between 20–25 September 2020. With much regret the organizers have decided to postpone the 8th Heidelberg Laureate Forum to 19–24 September 2021 due to the global COVID-19 pandemic. Further details can be found at <https://www.heidelberg-laureate-forum.org/forum/8th-hlf.html>

- **COVID-19 Resource Website:** The ongoing COVID-19 pandemic has affected modern society globally. Tragically, many thousands have died, many more have lost their jobs, and it has changed the working conditions of billions of people. In response to the situation, we have launched the website : <https://www.mathunion.org/corona> containing links to some resources pertaining to the pandemic. We focus on three aspects:
  - general websites with information on the COVID-19 pandemic
  - online seminars for a global audience
  - websites which concentrate on mathematical research on the pandemic
 For this website to be useful, we depend on active feedback from the community. Please send links to be included to [corona@mathunion.org](mailto:corona@mathunion.org)
  
- **License COVID19 MathWorks / Matlab :** Un accès gratuit à MATLAB Online jusqu'au 30 juin 2020. Pour profiter, veuillez créer votre compte Mathworks: <https://www.mathworks.com/mwaccount/register> Après connexion, veuillez accéder au lien suivant : [https://www.mathworks.com/licensecenter/classroom/COVID-19\\_Access/](https://www.mathworks.com/licensecenter/classroom/COVID-19_Access/) Si vous n'êtes pas familier avec l'utilisation de MATLAB dans un environnement d'apprentissage en ligne, cette courte session sur l'enseignement avec MATLAB vous aidera à démarrer: <https://www.mathworks.com/learn/teaching-with-matlab.html> De plus, il existe de nombreuses ressources et outils gratuits d'enseignement à distance MathWorks à la disposition des étudiants et des professeurs :
  - [Online self-paced training for MATLAB, Deep Learning, and Machine Learning](#)
  - [MATLAB Mobile for using MATLAB on an iPad or phone](#)
  - [Downloadable courseware across a wide range of disciplines](#)
  - [Instructor's community page](#)
  
- **The IMU centennial conference "Mathematics without Borders" Rescheduled:** Due to the COVID-19 pandemic the conference Mathematics without Borders : the Centennial of the International Mathematical Union Strasbourg, 28–29 September 2020 has been rescheduled for Strasbourg, 27–28 September 2021.
  
- **Call for nominations for IMU prizes : (Toute proposition doit être envoyée au président de la SMT pour validation du bureau exécutif) :** The Secretary General of the IMU invites you to submit nominations for the IMU distinctions listed below, thus assisting the corresponding committees in their task of selecting the awardees who will receive their distinctions at the ICM 2022 in St Petersburg, Russia. Here is the list of awards for which we presently seek nominations, each listed a short description and the email address to which nominations should be sent, and with a short description :
  - The Fields Medals – Chair: IMU President Carlos E. Kenig Email: [chair@fm22.mathunion.org](mailto:chair@fm22.mathunion.org)
 The Fields Medals are awarded every 4 years on the occasion of the International Congress of Mathematicians to recognize outstanding mathematical achievement for existing work and for the promise of future achievement, see details at <https://www.mathunion.org/imu-awards/fields-medal>.

– The IMU Abacus Medal – Chair : James Demmel. Email:

[chair@abacus22.mathunion.org](mailto:chair@abacus22.mathunion.org)

The IMU Abacus Medal is awarded once every 4 years at the International Congress of Mathematicians for outstanding contributions in mathematical aspects of information sciences, see details at <https://www.mathunion.org/imu-awards/imu-abacus-medal>.

The IMU Abacus Medal is a continuation of the Nevanlinna Prize and will be awarded for the first time at the ICM 2022.

– The Carl Friedrich Gauss Prize – Chair : Eva Tardos. Email:

[chair@gauss22.mathunion.org](mailto:chair@gauss22.mathunion.org)

The Gauss Prize is awarded once every 4 years to honor a scientist whose mathematical research has had an impact outside mathematics – either in technology, in business, or simply in people's everyday lives, see details at

<https://www.mathunion.org/imu-awards/carl-friedrich-gauss-prize>.

– The Chern Medal Award – Chair : Yakov Eliashberg. Email:

[chair@chern22.mathunion.org](mailto:chair@chern22.mathunion.org)

The Chern Medal is awarded every 4 years on the occasion of the International Congress of Mathematicians to an individual whose accomplishments warrant the highest level of recognition for outstanding achievements in the field of mathematics, see details at <https://www.mathunion.org/imu-awards/chern-medal-award>.

– The Leelavati Prize – Chair : Pavel Etingof. Email : [chair@leelavati22.mathunion.org](mailto:chair@leelavati22.mathunion.org)

The Leelavati Prize is intended to accord high recognition and great appreciation of the IMU and Infosys of outstanding contributions for increasing public awareness of mathematics as an intellectual discipline and the crucial role it plays in diverse human endeavors, see details at <https://www.mathunion.org/imu-awards/leelavati-prize>.

IMU also requests nominations for the

– ICM Emmy Noether Lecture – Chair : Sylvia Serfaty. Email:

[chair@noether22.mathunion.org](mailto:chair@noether22.mathunion.org)

The ICM Emmy Noether Lecture is a special lecture at an ICM that honors women who have made fundamental and sustained contributions to the mathematical sciences, see more details at <https://www.mathunion.org/imu-awards/icm-emmy-noether-lecture>.

More information about each of these awards and the Noether lecture, as well as lists of past laureates, can be found on the IMU website at:

<https://www.mathunion.org/imu-awards/imu-awards-prizes-and-special-lecture>.

To allow the committees sufficient time for this decision process, the IMU has set 31 December 2020 as the deadline for nominations. Nominations received after this date will only be considered at the discretion of the Committee. Thus, we would like to urge you to submit any compelling nominations you wish to make before the above deadline. The full composition of each committee remains confidential and will not be revealed until the opening ceremony of ICM 2022.

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**Evènements à Venir**

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- **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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- **Nouvelle maison d'édition pour le journal APAM:** Le journal "[Advanced in Pure and Applied Mathematics](#)" (APAM) est hébergé par la maison d'édition [ISTE](#), OpenScience (United Kingdom) à partir de 2020. Sous sa nouvelle forme, le journal est considéré comme une nouvelle publication de la Société Mathématique de Tunisie. Les chercheurs tunisiens sont sollicités par le comité de rédaction à soumettre leurs travaux de recherche dès présent à travers [ce lien](#).
- **L'économiste et statisticien Mahmoud Seklani est décédé:** sur la pointe des pieds, chevillé à ses ouvrages jusqu'au dernier moment, le professeur Mahmoud Seklani vient de s'éteindre à l'âge de 91 ans. Professeur émérite à l'Université de Tunis, il a enseigné à des générations successives la démographie, fort de sa double spécialité en mathématiques et économie. Titulaire d'un doctorat en mathématiques obtenue à la faculté des Sciences de Paris et d'un doctorat en économie réussie à la faculté des Sciences économiques de Tunis, Mahmoud Seklani avait commencé sa carrière au CNRS à Paris avant de rejoindre l'Institut national d'études démographiques (INED), sous la direction d'Alfred Sauvy.  
<https://www.leaders.com.tn/article/29714-l-economiste-et-statisticien-mahmoud-seklani-est-decede>
- **Mathematical proof that rocked number theory will be published:** Some experts say that they author Shinichi Mochizuki failed to fix a fatal flaw in the solution of a major arithmetic problem. <https://www.nature.com/articles/d41586-020-00998-2>
- **2020 CIMPA Schools:** schools postponed and new dates: <https://www.cimpa.info/en/node/6826>
- **CIMPA School 2021, Call for projects:** <https://www.cimpa.info/node/41>
- **Call for projects – 2022 CIMPA schools:** <https://www.cimpa.info/en/node/41>

- **L'Oréal-UNESCO for Women in Science 2021 International Awards-Call for Nomination**  
The 2021 Awards will designate five outstanding researchers in Physical Sciences, Mathematics and Computer Science, each working in one of the following regions : Africa and the Arab States, Asia and the Pacific, Europe, Latin America and the Caribbean, North America. The five laureates will be selected by an international jury for their tremendous contribution to scientific advancement and will receive their Awards in March 2021 in Paris. Each of the Laureates will receive €100,000.  
<https://www.forwomeninscience.com/en/awards?et rid=34987637&et cid=3292883>
  
- **Proceedings CSMT 2019:** Le volume spécial des [Proceedings du 24ème Colloque annuel de la Société Mathématique de Tunisie](#) vient de paraître comme numéro spécial du Journal: [Graduate Journal of Mathematics](#). L'introduction éditoriale est disponible sur [ce lien](#).
  
- **Accès gratuit à la Bibliothèque Numérique Mondiale :** L'UNESCO a eu la grande idée de donner accès gratuitement à la Bibliothèque Numérique Mondiale sur Internet. Un beau cadeau à toute l'humanité ! Voici le lien : <https://www.wdl.org/fr> , en arabe <https://www.wdl.org/ar/>.  
Il rassemble des cartes, des textes, des photos, des enregistrements et des films de tous les temps et explique les joyaux et les reliques culturelles de toutes les bibliothèques de la planète, disponible en sept langues.  
Profitez-en et faites-en profiter votre entourage lors de la période du confinement.
  
- **Cours en ligne (MOOC) développé par France Université Numérique (FUN):** En cas de besoin d'utiliser un des cours en ligne (MOOC) développé par France Université Numérique (FUN) pour enseigner vos étudiants:  
1- identifier un MOOC au catalogue de FUN MOOC <https://www.fun-mooc.fr/cours/>  
2- demander d'instancier le MOOC en SPOC (utiliser le MOOC en privatif avec vos étudiants) par email à [contact-esr@fun-campus.fr](mailto:contact-esr@fun-campus.fr) (inclure dans votre email l'intitulé du MOOC et son adresse web, votre nom, fonction, université).  
Pour plus d'information: <http://fun-blog.fr/fun-campus-covid19/instancier-des-mooc-en-spoc-sur-fun-campus/>
  
- **Announcement regarding its congress ICME-14:** The International Commission on Mathematical Instruction (ICMI), a commission of the IMU, has just released the following announcement regarding its big congress [ICME-14](#):  
Announcement: Due to the global pandemic caused by the new coronavirus disease (COVID-19), ICMI and ICME-14 have decided, after careful discussion and consultation, to postpone ICME-14 by one year until the Northern Hemisphere summer of 2021.  
The specific dates of postponed ICME-14 and the details related to the conference organization, including information for those already registered, will be announced as soon as possible. We will publish a "frequently asked questions" fact sheet in the next weeks on the ICME14 and ICMI websites.  
Whereas the one-year postponement of ICME-14 poses many challenges, we believe this is the solution to ensure the full-fledged and successful realization of this important

conference. We sincerely apologize to everyone for the consequences of this unfortunate and dramatic development.

ICMI plans to hold its General Assembly sometime in September-October 2020 in order to hold its quadrennial meeting and to elect the upcoming ICMI Executive Committee which will take office on 1 January 2021, so as to ensure a smooth transition of authorities as stipulated in the statutes. Details about how the meeting will be conducted (when and where) will follow in the upcoming months, as the global situation will make the planning feasible.

- **The General Directorate of Awards:** The Academy of Scientific Research and Technology encourages the Scientist's efforts for the scientific progress. So it regulates a set of prizes, noting that It began in 1953 with just Six prizes.  
<http://www.asrt.sci.eg/index.php/state-prizes>
- **The Gender Gap Project:** The project (<https://gender-gap-in-science.org>).
- **IMU Abacus Medal:** The IMU Executive Committee decided to accept the joint bid from the University of Helsinki and the Simons Foundation for the funding of the IMU Abacus Medal.  
The newly designed gold medal as well as the statutes for the IMU Abacus Medal can be found on the website <https://www.mathunion.org/imu-awards/imu-abacus-medal>
- **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.
- **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.  
<https://shorturl.at/wDFK4>
- **الرياضيات في بلد قنيس 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 ?  
<http://www.rfi.fr/fr/emission/20190422-queelles-mathematiques-service-developpement>

- **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/>
- **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>
- **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.
- **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. À 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

