



Société Mathématique de Tunisie

News-letter: Août 2020

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

Pour contribuer une information ou une annonce, prière envoyer votre
texte à: tms@tms.rnu.tn

Nouvelles Notifications

- **Premier numéro du journal "Advanced in pure and Applied Mathematics" en sa nouvelle édition:** Le premier numéro ([Volume 11- Issue 1, 2020](#)) de la nouvelle édition du journal "APAM-ISTE" est disponible sur [le site du journal](#).
- **Report du colloque en mémoire d'Ezzedine Zahrouni:** Message des organisateurs : Compte tenu de la situation encore délicate et confuse de la crise sanitaire mondiale liée au coronavirus, le comité d'organisation du colloque en mémoire d'Ezzedine Zahrouni a pris la décision de reporter ce colloque pour la période 14-19 octobre 2021.
- **2021 CIMPA Schools: applications are open!** - Écoles CIMPA : les candidatures sont ouvertes !
https://www.cimpa.info/sites/default/files/AFFICHE_CIMPA_SCHOOLS_2021.pdf
- **The new Executive Committee of ICMI:** On 13 July, the International Commission on Mathematical Instruction (ICMI), a commission of the IMU, hosted its quadrennial General Assembly as a web event. The event concentrated primarily on the election of the new ICMI Executive Committee. The newly elected Executive Committee of ICMI for the term 1 Jan 2021 – 31 Dec 2024 is as follows:
President: Frederick Leung (Hong Kong SAR China)
Secretary General: Jean-Luc Dorier (Switzerland)
Vice President: Merrilyn Goos (Australia/Ireland)
Vice President: Anjum Halai (Pakistan)
Members-at-large:
Marta Civil (USA)
Patricio Felmer (Chile)

Mercy Kazima (Malawi)

Núria Planas (Spain)

Susanne Prediger (Germany)

In addition, Jill Adler (South Africa) will serve as Past President on the new EC. The IMU President and Secretary General also serve ex officio on the ICMI EC.

- **Disparition du mathématicien C. S. Seshadri:** L'éminent mathématicien indien C. S. Seshadri, né le 29 février 1932 est décédé le 17 juillet 2020. Il est directeur émérite de l'Institut mathématique de Chennai et il est connu pour ses travaux en géométrie algébrique et en théorie des représentations. La constante de Seshadri est nommée en son honneur.

[https://fr.wikipedia.org/wiki/C. S. Seshadri](https://fr.wikipedia.org/wiki/C._S._Seshadri)

- **6TH CALL FOR POSTDOCTORAL FELLOWSHIPS SCIENCE BY WOMEN:** Women for Africa Foundation is launching the 6th call for fellowships of the program Science by Women, aimed at selecting 19 senior African women scientists to be integrated in 19 top research Spanish centers in the following areas: health and biomedicine, agriculture and food security, water, energy and climatic change. Considering the exceptional challenge of the Covid-19 pandemic, some of the fellowships are focused on the research and innovation carried out by African women scientists from the diverse and interdisciplinary approaches. So far 57 fellows have enjoyed six-month research stays which have contributed to enhance their leadership in scientific research and technology transfer.

You can find the presentation as well as the rules and guidelines in the link

<https://mujeresporafrica.es/6th-edition-science-by-woman/>

The program's ultimate goal is to enable African women researchers to play a leading role in the transition of Africa to a knowledge-based and innovation-led economy. The Women for Africa Foundation is a private entity aimed at contributing to the sustainable development of Africa through the drive of its women. (Deadline September 30, 2020)

For more information: science.by.women@mujeresporafrica.es

- **OWSD-Elsevier Foundation Awards for early career women scientists from the developing world:** OWSD is pleased to invite applications for the 2021 [OWSD-Elsevier Foundation Awards](#). These awards reward and encourage women working and living [eligible developing countries](#) who are in the early stages of their scientific careers, having often overcome great challenges to achieve research excellence. Awardees must have made a demonstrable impact on the research environment and must have received their PhD in the last ten years.

The award has an important impact on local research cultures. Previous winners say the awards have had a powerful effect, enhancing the visibility of their past work and creating new opportunities for the future. The awardees are also powerful role models for girls and young women on their countries. You can read more about our past awardees [here](#).

In the past years, each winner received a cash prize of USD 5,000 and an all-expenses-paid trip to attend the annual meeting of [American Association for the Advancement of Science \(AAAS\)](#) in the U.S.A., where the Awards Ceremony took place. However,

due to the COVID-19 pandemic, the 2021 annual meeting of the AAAS will be held entirely online. We are currently evaluating other international scientific events and the trip will be confirmed in the coming months according to how the COVID-19 pandemic evolves.

A total of five Awards will be given to women who are within ten years of receiving their PhD and have lived at least 5 of the last 15 years in one of the [66 science and technology lagging countries](#). There will be one prize awarded for each of the four regions of the developing world plus an additional "floating" award for a particularly deserving candidate from any of these regions. Winners will be informed of their selection by 31 December 2020.

The Awards for Physical Sciences are offered in the fields of Chemistry, Mathematics and Physics. Any combination of these fields (i.e. interdisciplinary) is acceptable. You can see a list of eligible disciplines [here](#).

Assessment will be based on the applicant's achievements in her scientific field, with additional attention paid to evidence of leadership skills, initiative and innovation, as well as to the candidate's involvement in capacity building, outreach and civic contribution.

For full information on selection criteria and to apply, see the attached Call for Applications or visit [2021 OWSD-Elsevier Foundation Awards](#).

The deadline for applications for this Award is 30 September, 2020. For questions, please contact the OWSD Secretariat at owsd@owsd.net.

Evènements à Venir

- **Tuniso-Libanese workshop in Control Theory and Related Fields:**
Monastir, 30-31 October 2020. <http://tuniso-libanese-workshop.ur-acedp.org/>
- **HARMONIC ANALYSIS ON LIE GROUPS AND RELATED TOPICS:** December 14th to 17th 2020 at [Beit Al-Hikma](#) – Carthage:
<https://sites.google.com/fst.utm.tn/colloque-harmonic-analysis2020>
- **The IMU centennial conference "Mathematics without Borders":** 27-28 September 2021 in Strasbourg.
<https://indico.math.cnrs.fr/event/5375/>
- **Colloque "Analyse Appliquée et Modélisation" en mémoire d'Ezzedine Zahrouni:** 14-19 octobre 2021.
- **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>

Notifications en Cours

- **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](#), Open Science (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](#).
- **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](#).
- **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
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
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.
- **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://bit.ly/32ZI1BR>
- **الرياضيات في بلد قيس سعيد!** <https://bit.ly/34T65EC>
- **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/>
- **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".

- **Journées en honneur des Professeurs M. S. Khalgui (Faculté des Sciences de Tunis) et Pierre Torasso (Université de Poitiers): "HARMONIC ANALYSIS ON LIE GROUPS AND RELATED TOPICS"** [Académie Tunisienne des Sciences](https://sites.google.com/fst.utm.tn/colloque-harmonic-analysis2020/accueil) du 14 au 17 décembre 2020. <https://sites.google.com/fst.utm.tn/colloque-harmonic-analysis2020/accueil>
- **Le classement de Shanghai (Edition 2020):** Le classement thématique de Shanghai des universités (édition 2020) est disponible sur [ce lien](http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/mathematics.html). En Mathématiques, l'université Paris-Saclay arrive première ! <http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/mathematics.html>
- **Le business très juteux des revues scientifiques:** Le Figaro, samedi 13 juin 2020. <http://www.tms.rnu.tn/cv/btjrs2020>
- **No free view? No review!** Science should evolve towards a different publishing model in which all scientific publications are freely available to readers as open access, without charging authors unfair prices. <https://nofreeviewnoreview.org/>
- **Einstein vaut-il la moitié du Dr Raoult ? Pour en finir avec «l'indice h»:** <https://theconversation.com/einstein-vaut-il-la-moitie-du-dr-raoult-pour-en-finir-avec-lindice-h-141169>
- **Pourquoi les meilleurs mathématiciens du monde thésaurisent la craie japonaise?** <https://www.youtube.com/watch?v=PhNUjg9X4g8>
- **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>
- **Call for nominations for IMU prizes: (Toute proposition doit être envoyée au président de la SMT pour validation du bureau executive):** 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

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

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

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

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

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

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.

- **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>
- **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.
- **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>
- **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>

Pour le Bureau de la SMT
Ali Baklouti, Président

