▶ News

2d Decembrer 2019

The Comptes Rendus de l'Académie des Sciences at Mersenne

The *Comptes Rendus de l'Académie des Sciences* for the *Mathématique, Mécanique, Physique, Chimie, Géoscience* and *Biologies* series join the centre Mersenne as of the 1st January 2020. Submissions are already open on their new website (https://comptes-rendus.academie-sciences.fr/).

The Palevol series will be published by the Museum of Natural History.

The Centre Mersenne is pleased to welcome the prestigious series of this illustrious institution.

The Comptes Rendus were published between 2002 and 2019 by the publisher Elsevier France. The archives of this period are still available on the publisher's website.

The archives since 1935 are accessible on Gallica, from the site of the Académie des sciences.

15 novembre 2019

Mersenne at PKP BCN 2019

Mersenne will attend the PKP wekk in Barcelone PKP BCN 2019: PKP Sprint on 18-19 November and Conference from 20 to 22 November 2019.

The team will offer a Lightening Talk on Wednesday 20 November.

Please see the programme (http://pkpbcn19.net/).

November, 15 2019

Mersenne at JNSO

Mersenne will attend the 2d *Journées nationales de la Science Ouverte* (Open Access national Meetings) on the 18-19 November in Paris. Its programme is full of interesting communications. Some anouncement shall be made.

Disover the programme (https://jnso2019.sciencesconf.org/data/pages /JNSO_22019_programme_complet_impression_VF.pdf)

Mr. Antoine Petit, the CNRS Chief Executive Officer (Centre national de la recherche scientifique - French National Centre for Scientific Research), confirmed the support of the CNRS for Centre Mersenne.

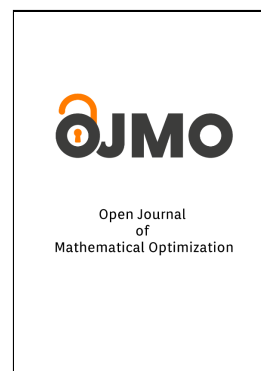Review the the plenary sessions and speakers' presentations (https://webcast.in2p3.fr/container /national-open-science-days-en).

October 21, 2019 (https://ojmo.centre-mersenne.org/)

Launch of a new journal in Mersenne

A new journal has just been launched on Centre Mersenne: Open Journal of Mathematical Optimization (http://ojmo.centre-mersenne.org/).

This journal in Mathematical Optimization was developed by a resourceful team, who was eager to share freely and immediately scientific results with the world.

To be followed.

OJMO

Open Journal
of
Mathematical Optimization

September, 16 2019

A new article for OGEO

Open Geomechanics just released their second article: Frictional plasticity in a convex analytical setting. (https://opengeomechanics.centre-mersenne.org/item/OGEO_2019__1__A3_0/)

September, 13 2019

5 new articles for AHL

Five new articles have been published by *Annales Henri Lebesgue*.

- Degenerations of SL(2,$\mathbb{C}$) representations and Lyapunov exponents (https://ahl.centre-mersenne.org/item/AHL_2019__2__515_0/)- Dujardin, Romain; Favre, Charles

- Large deviations for the Navier–Stokes equations driven by a white-in-time noise (https://ahl.centre-mersenne.org/item/AHL_2019__2__481_0/)- Nersesyan, Vahagn
- Harder–Narasimhan Filtrations for Breuil–Kisin–Fargues modules (https://ahl.centre-mersenne.org/item/AHL_2019__2__415_0/)- Cornut, Christophe; Peche Irissarry, Macarena
- Nearly finite Chacon transformation (https://ahl.centre-mersenne.org/item/AHL_2019__2__369_0/)- Janvresse, Élise; Roy, Emmanuel; de la Rue, Thierry
- On the range of a two-dimensional conditioned simple random walk (https://ahl.centre-mersenne.org/item/AHL_2019__2__349_0/)- Gantert, Nina; Popov, Serguei; Vachkovskaia, Marina

August 5, 2019

9th issue of *Algebraic Combinatorics* online

The fourth issue of the 2019 volume of *Algebraic Combinatorics* has just been published and is available online: https://alco.centre-mersenne.org/issues/ALCO_2019__2_4/ (https://alco.centre-mersenne.org/issues/ALCO_2019__2_4/).

Table of Contents:

- A Pieri formula and a factorization formula for sums of K-theoretic k-Schur functions (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_447_0/)- Takigiku, Motoki
- Homomorphisms of strongly re (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_481_0/)gular graphs (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_481_0/) - Roberson, David E.
- Bipartite distance-regular graphs and taut pairs of pseudo primitive idempotents (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_499_0/) - MacLean, Mark S.; Miklavič, Štefko
- Liminal reciprocity and factorization statistics (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_521_0/)> - Hyde, Trevor
- Skew hook formula for d-complete posets via equivariant K-theory (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_541_0/) - Naruse, Hiroshi; Okada, Soichi
- On power ideals of transversal matroids and their "parking functions" (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_573_0/) - Sarmiento, Camilo
- Canonical decomposition of a difference of convex sets (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_585_0/)- Botero, Ana M.
- Representation stability on the cohomology of complements of subspace arrangements (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_603_0/)- Rapp, Artur
- Equivariant Kazhdan–Lusztig polynomials of q-niform matroids (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_613_0/) - Proudfoot, Nicholas
- Sign-twisted Poincaré series and odd inversions in Weyl groups (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_621_0/) - Stembridge, John R.
- Semi-inverted linear spaces and an analogue of the broken circuit complex (https://alco.centre-mersenne.org/item/ALCO_2019__2_4_645_0/)- Scholten, Georgy; Vinzant, Cynthia