

# The centre Mersenne for Open Scientific Publishing

An academic-led open access publishing infrastructure  
Academic-Led Publishing Day, 7 February 2019



## Centre Mersenne



### ► The Centre Mersenne

The Centre Mersenne for Open Scientific Publishing aims at supporting and fostering open access scientific publishing. It offers tools and services for scholars and editorial teams of open access journals formatted with LaTeX.



[Read more](#)

### ► Our journals



**Algebraic Combinatorics**  
Dedicated to publishing high-quality papers in which algebra and combinatorics interact in interesting ways. [More...](#)



**Annales de l'Institut Fourier**  
Publishes original articles of a high level in all fields of mathematics. [More...](#)



**Journal de l'École Polytechnique**  
Publishes original research articles in mathematics. [More...](#)

[See all publications](#)

### ► Recently published

#### Shattering blocks of Araki-Kaikie algebras

ARITHA DALVI  
Algebraic Combinatorics  
Issue 2 (2019) no. 1 p. 75-116

#### Khovanov's Heisenberg category moments in free probability, and shifted symmetric functions

YONAH HANAU, CLAUDE ANTOINE, M. ANTONIUS DE BRUIJN  
Algebraic Combinatorics  
Issue 2 (2019) no. 1 p. 49-74

#### Commutative algebra of generalised Frobenius numbers

BERNARDI, MARCOLOTTI, NESTI, ONO  
Algebraic Combinatorics  
Issue 2 (2019) no. 1 p. 149-171

#### The weak order on integer posets

CHANG, HONG, HOLLAND, HOGAN, POPE, WILSON  
Algebraic Combinatorics  
Issue 2 (2019) no. 1 p. 1-48

#### Linked systems of symmetric design

TOULOUS, BRUNO  
Algebraic Combinatorics  
Issue 2 (2019) no. 1 p. 119-147

#### Editorial

ARITHA DALVI, CLAUDE ANTOINE, YONAH HANAU, CLAUDE ANTOINE, M. ANTONIUS DE BRUIJN, YONAH HANAU, CLAUDE ANTOINE, M. ANTONIUS DE BRUIJN, YONAH HANAU, CLAUDE ANTOINE, M. ANTONIUS DE BRUIJN  
Open Geomechanics  
Issue 1 (2019) no. 1-2

### ► News

#### Sur les projets du centre Mersenne

FR 12/19

Pour en savoir plus sur la gestion et les projets du centre Mersenne, lire "Le Centre Mersenne : une infrastructure de publication scientifique en LaTeX" publié le 8 janvier 2019 dans le carnet de recherche Digital Library & Information Sciences, Hypothesis.

#### Press about Algebraic Combinatorics

FR 12/19

Articles of AMOS and CMS Newsletter each publish an article about Algebraic Combinatorics by its editors. They both also mention the centre Mersenne. [More](#)

#### Mersenne at the Open Science French National Days

FR 12/19

The Centre Mersenne will be present at the French National Days on Open Science, that will take place at the French Ministry of Education, on December 4-6, 2018, Paris.

# What is the centre Mersenne ?

The centre Mersenne is a **Diamond open access** publishing infrastructure for scientific publications written in **L<sup>A</sup>T<sub>E</sub>X**.

It provides editorial teams :

- a **publishing platform** for open access research publications ;
- a set of **editorial and technical tools and services** to help editorial teams to manage their journal (peer-review process, publication...)

# What is the centre Mersenne ?

What kind of publication can access the centre Mersenne ?

- journals, books and proceedings,
- new or existing,
- of all scientific disciplines,
- from national or international backgrounds,
- compliant with **good practices** and fair open access,
  
- written in **LaTeX**,
- published in **Open Access**.

# Fees

The Diamond Open Access economic model of the Centre Mersenne is based on a mix offer : free and charged services.

- **Free** basic publishing services :
  - Publication,
  - Support to editorial process with OJS.
- **Charged** advanced and optional services (cost recovery based fees) :
  - Editing,
  - Other services.

# Browsing

## Browsing a journal website and accessing articles...

The image illustrates the process of browsing a journal website and accessing articles through three sequential screenshots:

- Table of Contents:** The first screenshot shows the journal's homepage with the title "ALGEBRAIC COMBINATORICS". Below the navigation bar, there is a "Table of Contents" section listing several articles with their titles and page numbers. A red arrow points from the first article, "Equations defining coverings of the Bruhat order of the rank 3 Lie algebras", to the next screenshot.
- Article Page:** The second screenshot shows the full article page for the selected article. The title is "Equations defining coverings of the Bruhat order of the rank 3 Lie algebras" by Michel Lasram and Michel Menni. The page includes a "Résumé" (Abstract) section, a "Mots-clés" (Keywords) section, and a "Bibliographie" (Bibliography) section. A red arrow points from the bottom of this page to the final screenshot.
- Journal Information:** The third screenshot shows the journal's logo and contact information. The logo is a stylized blue and yellow cube. Below it, the text reads "ALGEBRAIC COMBINATORICS" and "Publié par le Centre Mersenne". The Centre Mersenne logo is also visible at the bottom.

# Searching

## Searching articles in a journal website...

The screenshot displays the homepage of the journal "ANNALES DE L'INSTITUT FOURIER". The header includes the journal's logo, name, and navigation links: "ABOUT THE JOURNAL", "EDITORIAL BOARD", "SUBMIT A PAPER", and "SUBSCRIPTION". There are also icons for accessibility (a grid) and a "TeX" button.

The main content area features a search bar with the placeholder text "Search articles, authors...". Below the search bar is a dropdown menu currently set to "Author". The dropdown menu is open, showing the following options: "All", "Author", "Title", "Date", "References", and "Full text".

Below the search bar, there are two columns of article listings. The first column contains a paragraph: "The Annales de l'Institut Fourier aim at publishing original papers of a high level in all fields of mathematics, either in English or in French. The electronic edition is fully open access and free of author charges." The second column lists several articles with their titles and authors:

- New art**
- Commissability of groups of trees**  
Carette, Mathieu
- Group orderings, dynamics, and rigidity**  
Mann, Kathryn ; Rivas, Cristóbal
- Diffraction of elastic waves by edges**  
Katsnelson, Vitaly
- Invariants de Hasse-Serre S-ordinaires | Simu S-ordinary Hasse invariants**  
Hernandez, Valentin

A "View More" link is located at the bottom of the article listings.

The footer contains information about the publisher (Kluwer), the supporting institution (Institut Fourier), and the developer (Methodoc).

## Publication Services - FREE

Online publication, interoperability and visibility.

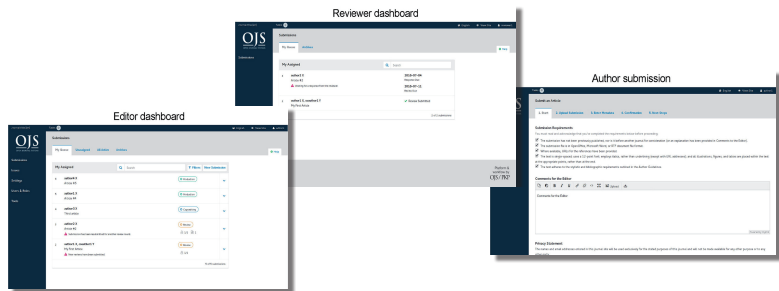
- Online Publication on the Mersenne platform,
- Creation and hosting of a personalized website for each journal,
- Creation of a personalized L<sup>A</sup>T<sub>E</sub>X layout.
- DOI Attribution with Crossref,
- Data interoperability (OAI-PMH, I4OC),
- Crosslinking,
- Support to indexation.
- Long-term archiving with CLOCKSS solution.



# Support to editorial process with OJS - FREE

**Open Journal System (OJS)** is a journal management software dedicated to help manage the editorial process and peer-review process.

- Installation and adaptation of a dedicated OJS system
- Hosting and maintenance
- Technical support and training.



# Editing and other services - CHARGED

## Editing Services :

- Typesetting and proofreading
- Copyediting.

## Other Services :

- Managing Editor
- Plagiarism Detection.
- Print-on-Demand



## Developed by Mathdoc

The centre Mersenne has been developed by **Mathdoc**, a specialist team dedicated to services in scientific and technical information.



- Maker of Numdam (French digital mathematics library), Cedram (dissemination platform for mathematics journals, currently being migrated to centre Mersenne).
- Partner of EuDML (European Digital Mathematics library).



## Supporting Institutions

- CNRS (French National Center for Scientific Research),
- Université Grenoble Alpes,
- UGA Éditions (publishing house of Université Grenoble Alpes),
- Grenoble IDEX (French funds for supporting excellence in universities).



# Journals and Proceedings

## Journals

- Algebraic Combinatorics
- Annales Henri Lebesgue
- Open Geomechanics
- Annales de l'Institut Fourier
- Journal de l'École polytechnique-Mathématiques
- Annales de la faculté des sciences de Toulouse
- Annales mathématiques Blaise Pascal
- Confluentes Mathematici
- Journal de la théorie des nombres de Bordeaux
- Maths In Action
- Publications mathématiques de Besançon - algèbre et théorie des nombres
- SMAI Journal of Computational Mathematics

# Journals and Proceedings

## Proceedings

- Actes des rencontres du CIRM
- Journées Équations aux dérivées partielles
- Séminaire Laurent Schwartz - EDP et applications
- Séminaire de Théorie spectrale et géométrie (Grenoble)
- Winter Braids Lecture Notes

# Contacts

Please contact us for any information :

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Link to **centre Mersenne**

Link to **Mathdoc**