



The launch of Centre Mersenne

a technical infrastructure to support the move towards Diamond Open Access

Célia Vaudaine Centre Mersenne – Université Grenoble Alpes - France

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C. Vaudaine (ElPub)

Centre Mersenne

June 22-24, 201



Context

- The Centre Mersenne is a comprehensive Open Access publishing infrastructure for scientific publications prepared in LaTeX.
- It has been launched in January 2018, in Grenoble, France



Context

- The Centre Mersenne is a comprehensive Open Access publishing infrastructure for scientific publications prepared in LaTeX
- It has been launched in January 2018, in Grenoble, France
- It is developed by Mathdoc,
- With the support of :



- the CNRS (French National Center for Scientific Research)
- University Grenoble Alpes (UGA),
- UGA Editions (the new publishing house of University of Grenoble Alpes),
- And Grenoble University excellence initiative IDEX.











Mathdoc, at the origin of the project

- Mathdoc (Cellule de coordination documentaire nationale pour les mathématiques): joint service unit of the CNRS & University of Grenoble Alpes.
- It develops projects and services in the area of scientific information for the French mathematics community:
 - Numdam: French digital mathematics library 60,000 articles,
 1 million pages...
 - Cedram: Dissemination platform for French mathematics documents.
 - → Creation in 2005, to address a specifc demand from the French academic community asking for a LaTeX, independent publication solution. Fully Open Access in 2017.



An Open Access publication alternative

- 2018: Creation of the Centre Mersenne.
- To address a specific demand from the scientific community, challenging the traditional publishing system dominated by for-profit publishers.
- Claims for alternative open access solutions like Cedram.

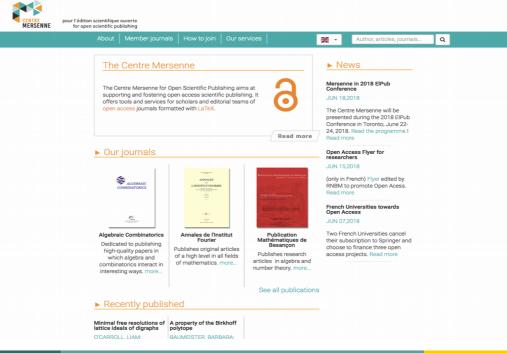
- Diamond Open Access
 = Gold no-APC OA
- Not-for-profit
- Public



- Affordable price
- Authors keep the main copyright
- By researchers, for researcher



- To provide a sustainable and scalable publishing platform for dissemination of open access research publications.
- To provide a set of modular professional tools and publishing services to help editorial teams manage a journal.





Publications...

- Journals, proceedings, books
- Any scientific domain
- Local or international base
- Newly-created or existing
- Published in LaTeX
- Engaged towards Diamond Open Access

- Peer-reviewed research publications
- Articles selected on behalf of a competent, scientifically independent editorial board
- The editorial board owns its publication's title



Team & Governance

- A team lead by two mathematicians, comprising IT developers, LaTeX copy-editors, project coordinator and administrative staf.f
- 2 Governing bodies
 - A scientific council: evaluates the scientific relevance of publications willing to join Mersenne.
 It is composed of 8 to 12 renowned scientists.
 - A steering committee: deliberates, makes decisions, advises, provides strategic oversight.

It is composed of representatives of our funding partners: the CNRS and of University of Grenoble Alpes.



Free Services

1st main set: Online Publication & Dissemination

For publication

- Personalised website creation
- Personalised LaTeX style





For dissemination and interoperability

- DOI (Digital Object Identifier)
- OAI-PMH server for data harvesting
 - Support to indexation
 - Crosslinking

Long-term archiving Through CLOCKSS solution



Free Services

2d main set: Support to Editorial Process, via Open Journal System (OJS)

To manage the peer review process.

- Installation
- Customisation
- Hosting & maintenance
- Documentation & training

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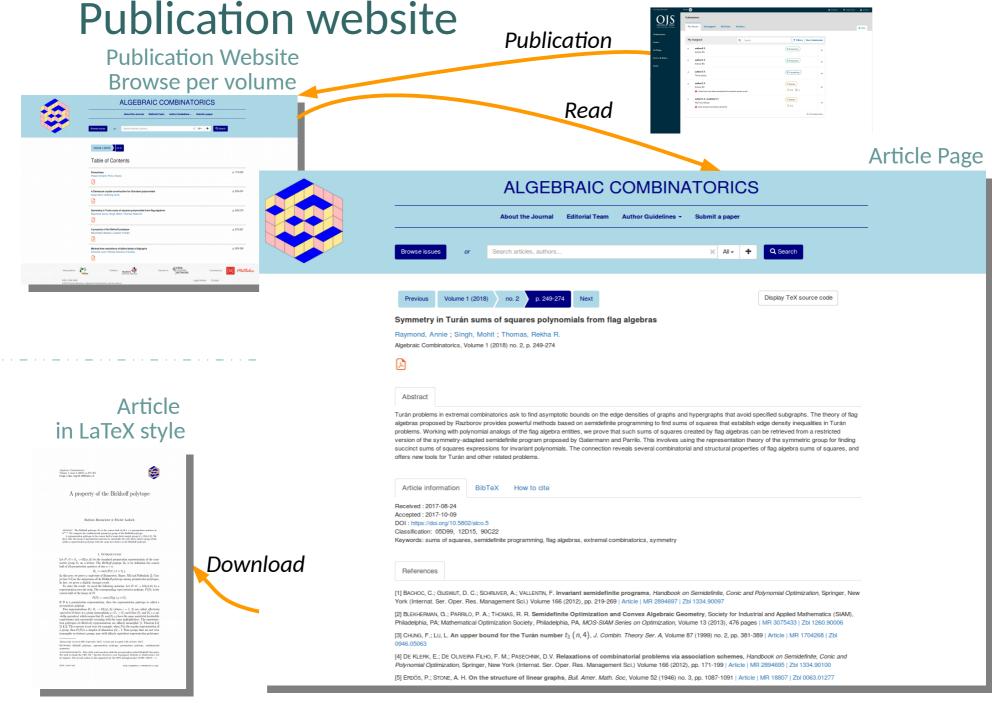
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	The submission file is in OpenOffice, Microsoft Word, or RTF document file format.	
	Where available, URLs for the references have been provided.	
4	Sthe text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within at the appropriate points, rather than at the end.	the text
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Author submission

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OJS Instance



Charged Services

3rd main set: Editing

For a better formatted document.

- Typesetting
- Copy-editing
- Proofreading

Additional services

- Plagiarism detection
- Print-on-demand
- Managing Editor



Business Model

Aim: to build up a sustainable and scalable business model

On a basis of 4 to 6 new publications/year

The Centre Mersenne's main costs

1.Infrastructure development & maintenance **2.**Initial set-up per publication (Publication and OJS services)

3.Training of teams and staff

4. Running costs depending on each publication (e.g. editorial organization and volume published)

Funding Sources



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Journals →supporting institutions (university, learned society...) Fees based on cost.

Other fundings are being considered to be able to welcome more publications and lower fees: donations, support by library consortium...



Centre Mersenne's publications

Journals



Algebraic Combinatorics



Annales Henri Lebesgue



Annales de la faculté des sciences de Toulouse



Annales de l'institut Fourier



Annales mathématiques Blaise Pascal



Confluentes Mathematici



Journal de l'École polytechnique





Journal de théorie des nombres de Bordeaux



MathS In Action







Publications Mathématiques de Besançon





SMAI Journal of Computational Mathematics

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Thank you for your attention !

www.centre-mersenne.org

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