

SciPost

évaluation et publication en accès ouvert

*Les nouveaux modèles d'édition,
Journée anniversaire du centre Mersenne*

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De quoi s'agit-t-il ?

Un portail complet pour la publication académique
(des preprints aux métadonnées)

Qui s'en occupe ?

Les académiciens professionnels
(un mouvement 'grassroots')

Quels services sont offerts ?

- Journaux
- Commentaires
- Métadonnées

En deux mots ?

- Ouverture
- Qualité

Quels sont les objectifs ?

Réforme du monde de la publication

- Implémentation de l'Accès Ouvert Authentique
bidirectionnel: sans frais pour auteurs et lecteurs
- Implémentation d'un modèle d'affaires plus sain
 - *découplage strict éditorial/financier*
 - *sans profit; pas d'exploitation des scientifiques*
 - *modèle consortial; pas d'APC*
- Modernisation de la procédure d'arbitrage
 - *ouverte; le travail des arbitres est crédité*
 - *facilitation des commentaires post-publication*
- Réforme de l'évaluation d'impact

Accès Ouvert Authentique

(Genuine Open Access)

Genuine Open Access Principles

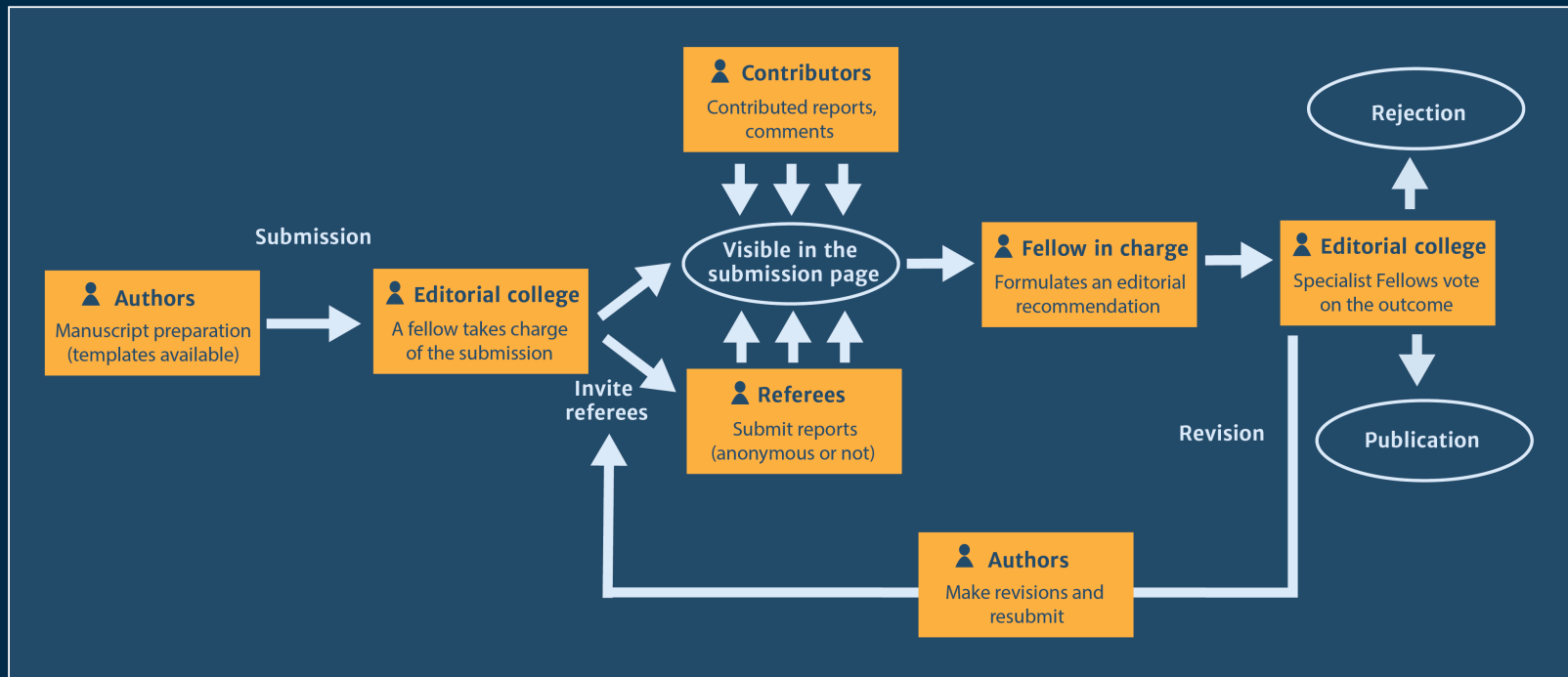
[CO]	Community Ownership	The Journal has a transparent community-anchored ownership structure, and is controlled by and responsive to the scholarly community.
[OI]	Open Infrastructure	The infrastructure for operating the Journal belongs to, and is open sourced to the community. The entire technological stack and all operating protocols are documented and made easily transferable between community owners.
[CA]	Copyright to authors	Authors of articles in the Journal retain copyright. The Journal assists authors in protecting their rights in case of infringement.
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[OC]	Open Citations	The Journal makes its citation metadata openly accessible by actively participating in the Initiative for Open Citations .
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[NP]	Non Profit	The Journal publisher's operations are entirely non profit.
[OF]	Open Finances	The Journal's finances are openly published and available for public scrutiny.
[AE]	Academic Editing	The editorial processes of the Journal are run by the community, and all editorial decisions are taken by active professional scientists, using exclusively academic scholarship-based criteria.

Journaux

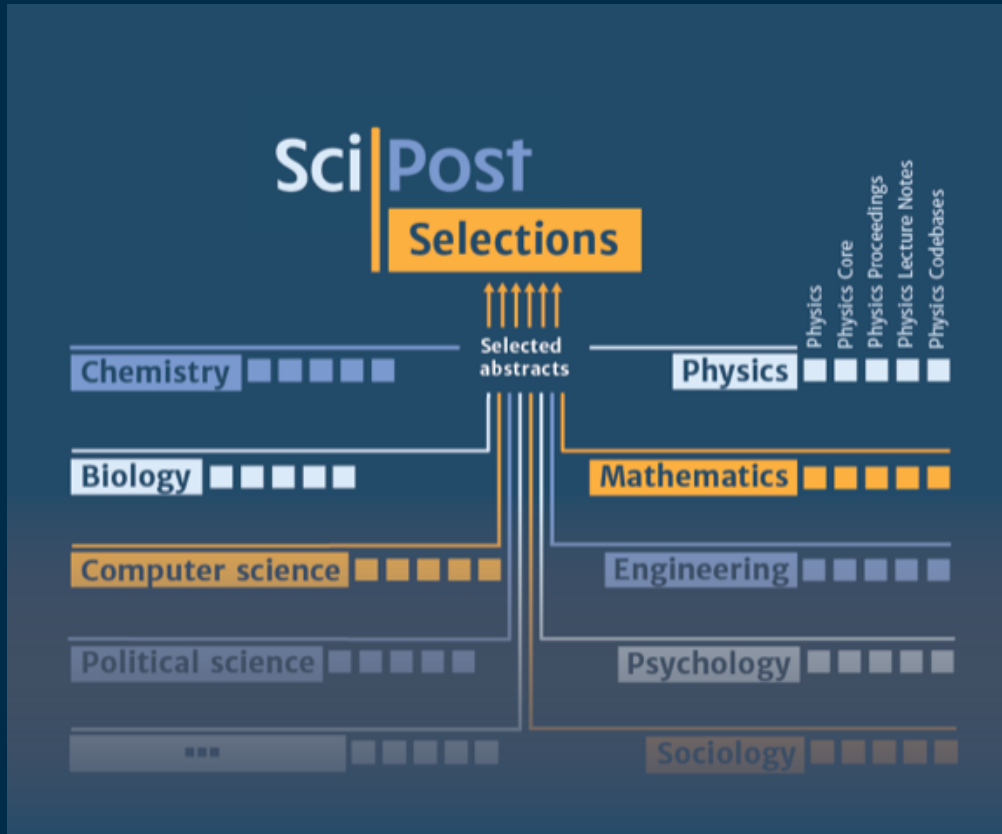
**~1400 publications
(à ce jour)**

- SciPost Physics
- SciPost Physics Core
- SP Lecture Notes
- SP Proceedings
- SP Codebases

Procédure éditoriale



Plans: futur immédiat



- Physique
- Astronomie
- Biologie
- Chimie
- Mathématiques
- Sélections
- Codes
- Métriques/Méta

Branch of Science	Fields <i>(click to see field-specific detailed list)</i>
Multidisciplinary	Multidisciplinary
Formal Sciences	Mathematics Computer Science
Natural Sciences	Physics Astronomy Biology Chemistry Earth and Environmental Sciences
Engineering	Civil Engineering Electrical Engineering Mechanical Engineering Chemical Engineering Materials Engineering Medical Engineering Environmental Engineering Industrial Engineering
Medical Sciences	Basic Medicine Clinical Medicine Health Sciences
Agricultural Sciences	Agriculture, Forestry and Fisheries Veterinary Science
Social Sciences	Economics Geography Law Media and Communications Pedagogy and Educational Sciences Political Science Psychology Sociology
Humanities	Art (arts, history or arts, performing arts, music) History and Archeology Language and Literature Philosophy, Ethics and Religion

SciPost: infrastructure

Basée exclusivement sur le logiciel libre

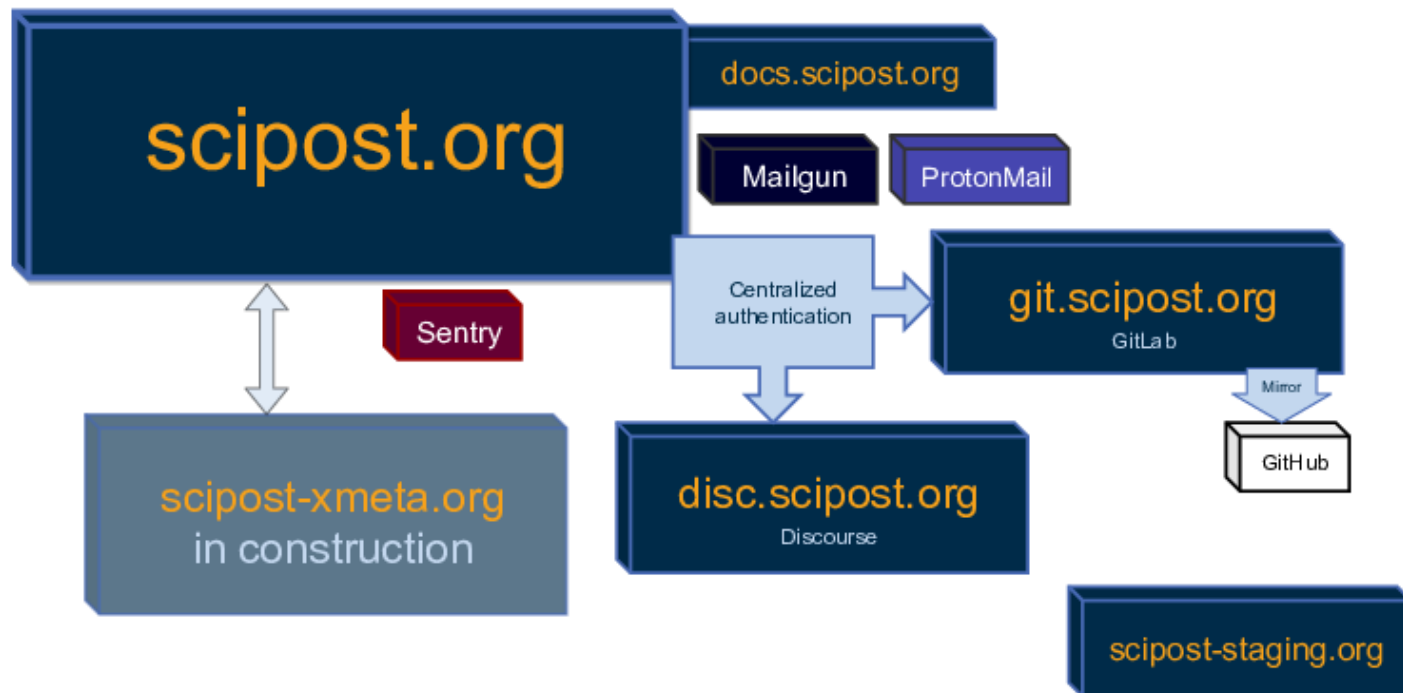
Tech:

Bâti 'à la mitaine'

- Django *[Python pour le web]*
- PostgreSQL *[base de données]*
- Bootstrap *[frontend]*
- MathJax *[engin LaTeX-javascript]*
- Vue.js *[frontend @ scipost-xmeta.org]*
- HTMX *[frontend @ scipost.org]*
- GitLab *[hub @ git.scipost.org]*
- Haystack, Celery, RabbitMQ, Flower...

SciPost Services Architecture

(July 2021)



The screenshot displays the SciPost website's API interface. At the top, the SciPost logo is on the left, and a 'Quick search' field is on the right. A navigation bar contains links for 'Home', 'Journals', 'Publications', 'Submissions', 'Reports needed' (highlighted with a yellow box), and a 'Submit' button (highlighted with a green box). The user is logged in as 'Prof. Jean-Sébastien Caux'. Below the navigation bar, the page title is 'Publication Public Api List'. On the right side, there are buttons for 'Filters', 'OPTIONS', and 'GET'. A pagination control shows page 1 of 46. The main content area displays the raw JSON response for a GET request to the API endpoint. The response includes a count of 1141 items, a next page URL, and a list of publication details such as URL, title, author list, abstract, DOI label, and publication date.

Publication Public Api List

Filters OPTIONS GET

<< 1 2 3 ... 46 >>

```

GET /api/publications/
HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
  "count": 1141,
  "next": "https://scipost.org/api/publications/?limit=25&offset=25",
  "previous": null,
  "results": [
    {
      "url": "/SciPostPhys.12.2.066",
      "title": "Time-reversal symmetry breaking and emergence in driven-dissipative Ising models",
      "author_list": "Daniel A. Paz, Mohammad F. Maghrebi",
      "abstract": "Fluctuation-dissipation relations (FDRs) and time-reversal symmetry (TRS), two pillars of statistical mechanics, are both broken in generic driven-dissipative systems. These systems",
      "doi_label": "SciPostPhys.12.2.066",
      "publication_date": "2022-02-17"
    },
    {
      "url": "/SciPostPhys.12.2.065",
      "title": "The SU(2)-plane of rank-one 4d N=2 KK theories",
      "author_list": "Cyril Closset, Horia Magureanu",
      "abstract": "The simplest non-trivial 5d superconformal field theories (SCFT) are the famous rank-one theories with E_n flavour symmetry. We study their SU(2)-plane, which is the one-dimer",
      "doi_label": "SciPostPhys.12.2.065",
      "publication_date": "2022-02-17"
    }
  ]
}

```

SciPost Dépôt des logiciels

@ git.scipost.org

The screenshot shows the GitLab interface for the SciPost Codebases repository. The page includes a sidebar with navigation options like Project overview, Details, Activity, Releases, Repository, Issues (36), Merge Requests (0), CI/CD, Security & Compliance, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members, and Settings. The main content area displays the repository name 'SciPost' with 2 stars and 1 fork, and statistics for 5,886 commits, 3 branches, 4 tags, 1.1 MB files, and 1.1 MB storage. A recent commit titled 'Rework presentation of portal tabs' by Jean-Sébastien Caux is highlighted. Below the commit, there are buttons for adding various files and configurations like README, GNU AGPLv3, CHANGELOG, CONTRIBUTING, Auto DevOps, and Kubernetes cluster. A table lists the repository's files and their last commit details.

Name	Last commit	Last update
.github	Add needed quotes	8 months ago
cronjobs	Update cronjobs	8 months ago
docs	Tweak editorconfig and docs to better fit Bla...	5 days ago
scipost_django	Rework presentation of portal tabs	1 day ago
scipost_vue	Fix Search.vue component (remove outdate...	3 months ago
.editorconfig	Tweak editorconfig and docs to better fit Bla...	5 days ago
.gitignore	Update .gitignore	3 weeks ago
.mailmap	Update mailmap	3 months ago
LICENSE.txt	Add licence (AGPLv3)	3 years ago

Le modèle d'affaires de SciPost

- Pas d'APCs, ni de souscriptions [*Platine*]
- Entièrement sans but lucratif [*Palladium*]
- Coûts: environ €500 par publication
Une fraction de la norme courante !
- Modèle consorcial: dons
(inspirations: arXiv, ...)

Les organisations qui nous supportent

- Agences de financement (inter)nationales
- Universités & bibliothèques
- Gouvernements
- Fondations

Finances

Toutes nos informations financières:
scipost.org/finances/

Modèle d'affaires

Le système des PubFractions
scipost.org/finances/business_model/

Organisations

qui bénéficient de nos activités

scipost.org/organizations

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Merci !