



WELCOME TO RDA FRANCE AT CNRS

RDA FRANCE 2019

CNRS HEADQUARTER, SEPTEMBER 13, 2019

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at CNRS, Senior Scientist at CNRS)

CNRS IN A FEW NUMBERS

- A 34,000-strong workforce, including 25,500 permanent personnel, 11,400 researchers and 14,100 engineers, technicians and administrative staff carrying out and supporting research
- 2013 budget: 3.415 billion euros, including 802 million euros in CNRS-generated income
- Over 1,000 research and service units
- 21 Nobel prize laureates and 12 Fields Medal winners
- About 50000 articles per year (WoS) + 6500 HSS



OPEN ACCESS AT CNRS (SOURCE UNPAYWALL)

CNRS 47 765 articles (WoS)

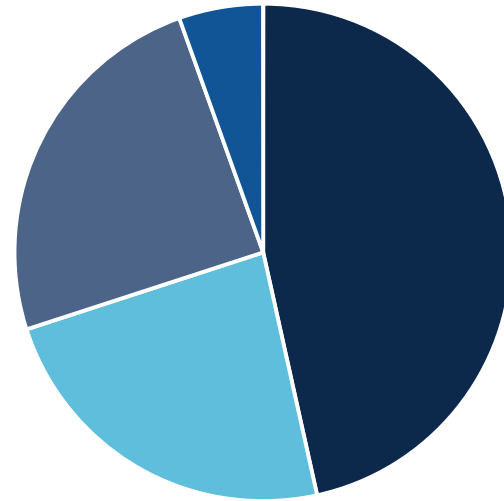
ARTICLES IN 2017:

52% IN CLOSED ACCESS

48% IN OPEN ACCESS

23,5 % FROM PUBLISHER

24,5% IN REPOSITORY



■ closed access ■ publisher ■ repository ■ Inconnu

FRENCH OPEN ARCHIVE REPOSITORY HAL (UMS CCSD – LYON)

CCSD HAL Episciences.org Sciencesconf.org Support fr en Bénédicte Kuntziger

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The open archive HAL

HAL is an open archive where authors can deposit scholarly documents from all academic fields.

For the attention of the authors

- The deposit of the fulltext should be made in agreement with the co-authors and in the respect for the policy of the publishers.
- The deposit is subject of a control, HAL reserves the right to refuse items that do not meet the criteria of the archive.
- Any deposit is definitive, no withdrawals will be made after the on-line posting of the publication.
- Text files in pdf format or image files are sent to CINES for long-term archiving.

For the attention of the readers

- In a context of electronic distribution, each author keeps their intellectual property rights.

LATEST SUBMISSIONS IN HAL

Mohamed El Boudani. Suivi non destructif de l'altération de marbres par méthodes acoustiques. Mécanique des matériaux [physics.class-ph]. Université de Cergy Pontoise, 2017. Français. (NNT : 2017CERG0947). (tel-02118867)

Daichi Kashino, John Silverman, David Sanders, Jeyhan Kartaltepe, Emanuele Daddi, et al.. The FMOS-COSMOS Survey of Star-forming Galaxies at $z \sim 1.6$. VI. Redshift and Emission-line Catalog and Basic Properties of Star-forming Galaxies. Astrophysical Journal Supplement, American Astronomical Society, 2019, 241 (1), pp.10. (10.3847/1538-4365/ab06c4). (hal-02110856)

G. Wiesner, J. Rousseau, Pierre Sagaut. Investigating the stability of the LRM-BCX through an extended use Neumann

SEARCH

Termes de recherche (* pour tous)

NUMBER OF RESOURCES

1 779 279

NUMBER OF FULLTEXTS

584 387

NEWS

PUBLISHERS ALLOWING AAM ('POSTPRINT') POSTING TO REPOSITORIES WITHOUT EMBARGO (5/3/19)

INVESTIGATING YOUR PUBLISHING AND OPEN ACCESS PRACTICES (12/2/19)

ENHANCING OPEN ACCESS THROUGH VIRTUOUS PUBLISHING

CNRS action plan is completely in line with the French national open science plan

- 1. National Open Archive HAL:** CNRS requests all researchers to deposit their work on HAL the national Open Archive that it manages and develops with his partners.
- 2. Agreements with commercial and non commercial publishers:** CNRS aims to restore an ethical and fair relation with publishers: reducing the subscriptions to a fair price regarding the service, aiming to disconnect price from prestige (Dora spirit), APC capping, proscribing APC payments to hybrid journals, articles should be machine readable and licences allowing reuse. Also, CNRS is SCOAP3 national contact for France.
- 3. Enhancing bibliodiversity (Jussieu call):**
Savings on big deals will be invested in initiatives that meet the questions of a fair, transparent and open governance (DOAJ, COAR, SCOSS, PCI,...)
- 4. Enhancing alternatives to mainstream publishing (in a few examples) – diamond approach**
Openedition: open access platform for humanities and social sciences that CNRS developed with his partners in Marseille. It works on a freemium based business model and is supported by its funders
Centre Mersenne: initiative of OA publishing in the mathematical field but willing to welcome any discipline field
Episcience: Platform for overlay journals developed by CCSD team that developed HAL the national open archive
ISTEX: repository of archived scientific articles and books, available to all French research and higher education communities. The corpus contains more than 22 million documents, that are curated and normalised in order to facilitate text mining.



EVALUATION AND OPEN SCIENCE

2019 starting to change criteria for
evaluation

4 PRINCIPLES FOR RESEARCHERS EVALUATION

1. It is only the scientific results that must be evaluated, not merely the fact that they may have been published in a prestigious journal or other renowned media:

The members of the National Committee for Scientific Research must take up the responsibility of their own appraisal and will not rely on anonymous publisher evaluations or algorithms. This should be made apparent in the evaluation reports.

2. For each of the research output listed in their evaluation dossiers, researchers must explain its scope, impact, and their personal contribution to it:

The exhaustive list of productions is not required.

3. All types of outputs must be eligible for evaluation:

In particular, whenever appropriate, the data underlying the publication and the source code necessary to produce the results must be made available. “Pre-prints” and other working documents are acceptable materials for evaluation. The same applies to “data papers”.

4. Whenever possible, all outputs listed in the evaluation dossiers must be accessible in HAL or alternatively in another open archive:

The relevant material is the outputs themselves and not their citation. It is normally not necessary to provide them in the folder: only the active link to the archive should be adequate.



4
OPEN DATA

4

GENERAL OPEN DATA PRINCIPLES

- **Take into account the long tail of data (not only big data, but all data)**

- **Facilitate sharing and interoperability of research data**
 - Research data produced by CNRS researchers or with means implemented by CNRS aim to be accessible and reusable for a consolidation of knowledge essential pillar of a more efficient science.

- **Support research data FAIR principles**
 - Encourage CNRS researchers to use RDM management tools, promote implementation of best practices recommendations (i.e CoreTrustSeal certification)
 - Support research infrastructures under the responsibility of the CNRS in the definition and implementation of data policies, committing them to comply with FAIR practices and quality standards.

- **Develop an Open Science culture**
 - Develop a culture of data management/sharing among all stakeholders in the data life cycle: researchers, engineers, computer scientists, documentalists, librarians,...

- **Harmonise policies with national and international bodies**
 - Stimulate CNRS researchers' participation in national open Science working groups, international initiatives (RDA, Go FAIR)

4

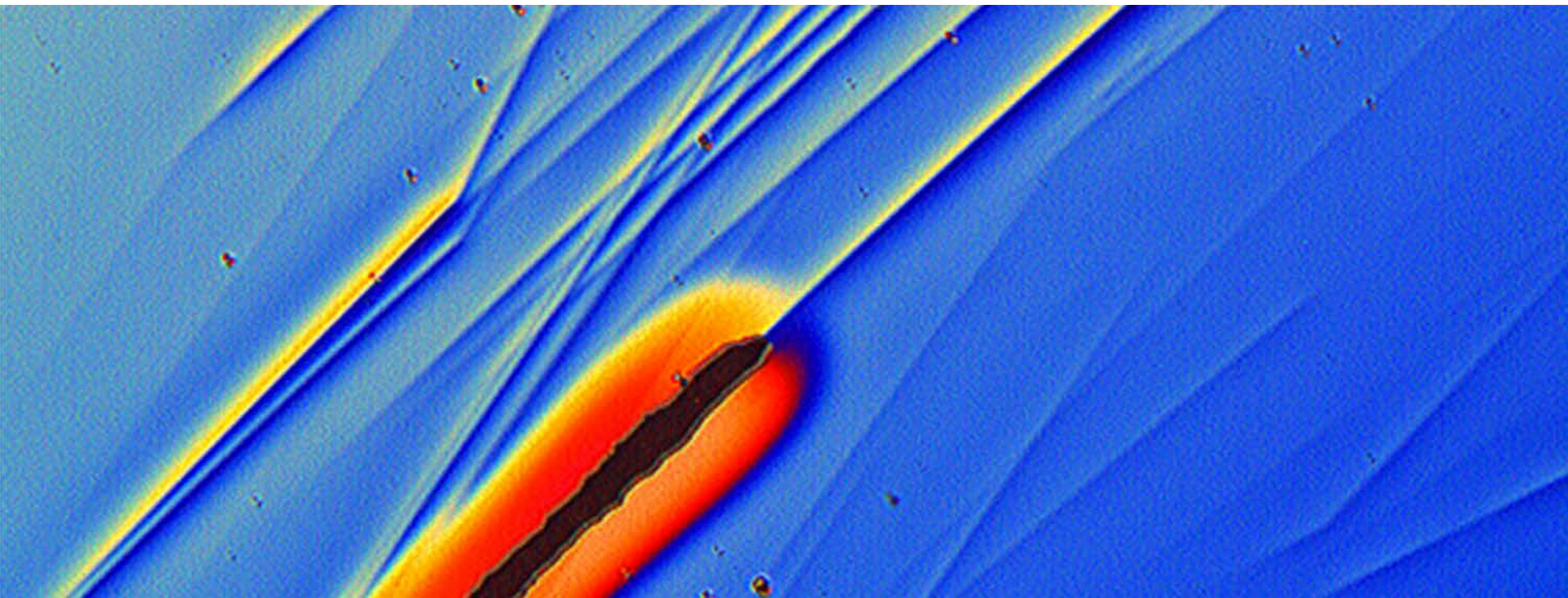
CNRS RESEARCH DATA MANAGEMENT SERVICES (UPS INIST - NANCY)

- **National provider of DOIs for research data**
- **DMP OPiDoR helps researchers to create, review and share data management**
- **CAT OPiDoR Data Management Services national registry**
 - provides a state of the art of the available services allowing to identify the gaps in real time
- **DORANum delivers open science training ressources and training events**
 - for researchers, and all players involved in data life cycle





BONNE REUNION RDA FRANCE!!

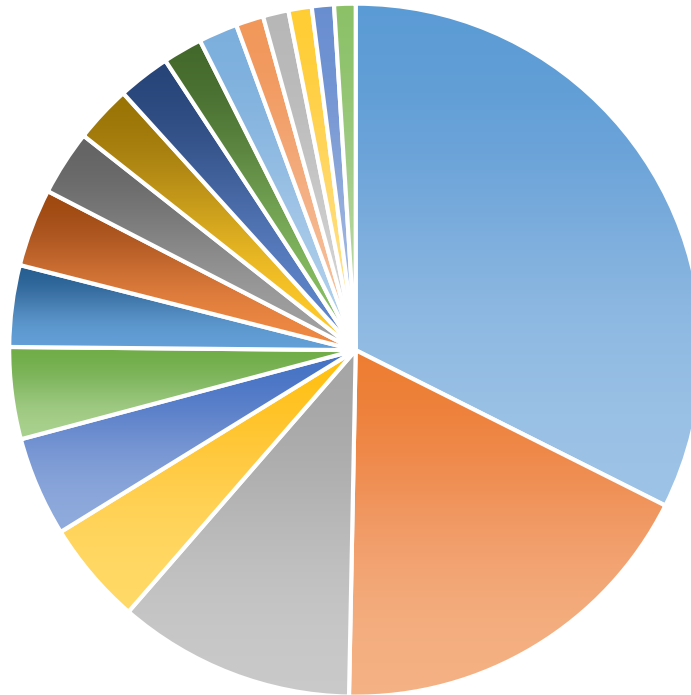


France production
~100 000 articles

SCIENTIFIC PUBLICATIONS AT CNRS

Scientific production (2017) : 47765 articles (WoS) + 6500 HSS

80% of the production (38000) is concentrated among 18 publishers



- Elsevier
- Springer
- Wiley
- American Physical Society (APS)
- American Chemical Society (ACS)
- Institute of Electrical and Electronics Engineers (IEEE)
- Oxford University Press (OUP)
- Royal Society of Chemistry (RSC)
- IOP Publishing
- EDP Sciences
- Informa UK
- AIP Publishing
- Public Library of Science (PLoS)
- MDPI
- Frontiers Media
- American Astronomical Society
- The Optical Society
- Copernicus



For institutions

4. Be explicit about the criteria used to reach hiring, tenure, and promotion decisions, clearly highlighting, especially for early-stage investigators, that **the scientific content of a paper is much more important than publication metrics** or the identity of the journal in which it was published.

5. For the purposes of research assessment, consider the value and impact of **all research outputs** (including datasets and software) in addition to research publications, and consider a broad range of impact measures including qualitative indicators of research impact, such as influence on policy and practice.

IN SUMMARY : OPEN SCIENCE CNRS COMMITMENTS

- 1. Deposit in HAL becomes mandatory :**
Message of General Director for Science CNRS to all researchers in order to implement their annual activity report
- 2. Negotiations with Publishers via Couperin (Springer, Elsevier, ACS, Wiley is coming)**
- 3. Developing non profit open access publishing platforms :** no cost for the authors – various services (OpenEdition – Centre Mersenne – Episciences)
- 4. Changing the culture of evaluation by new principles to researches evaluation :**
After the signature of DORA, 4 principles launched in 2019 at CNRS for a more qualitative evaluation and taking into account different production
- 5. Member of ORCID**
- 6. Promoting FAIR data :** DMP-OPIDOR, CAT-OPIDOR, DORANUM, National provider of DOIs for research data, member of RDA Research Data Alliance