



Institute of Mathematics

Open access scientific publications



Institute colloquium



29.06.2022

Campus Golm

House 9
Room 2.22
and per Zoom meeting

14:00 Marie Farge (ENS, Paris)

The Diamond Open Access: a model for researchers and funding agencies to recover control of their articles

Following the boycott of Elsevier we launched in 2012, our group 'The Cost of Knowledge' proposed the Diamond Open Access model in order researchers recover control of their articles. It is based on three principles:

1. everyone can access to academic articles, since they are essentially financed on public money,
2. authors keep their copyright and give an open access licence instead,
3. academic journals no longer belong to their publisher but to their editorial board in charge of peer-reviewing, which is essential to verify articles and guarantee the reproducibility of scientific results.

In 2018 the 'Centre National à la Recherche Scientifique' and the 'Université Grenoble Alpes' created the 'Centre Mersenne', a platform to publish journals in Diamond Open Access, that I will present.

14:45



15:15 Dieter Meschede (DPG, Bonn)

How can we scientists shape the future of scientific publishing?

The Deutsche Physikalische Gesellschaft (DPG) has published a position paper on the future of scientific publishing in 2021. I will report on the discussion and strategies for further actions.

Our fundamental starting point is that in the interest of freedom and quality of science, the publication ecosystem should be shaped "by scientists for scientists": Decision making and responsibility should be concentrated with the researchers. In turn, the scientific community needs to take responsibility, by choosing appropriate publication methods for research results; and by arriving at decisions on projects and careers not on the basis of indirect bibliometric indicators, but through direct assessments of scientific quality.

Specific aspects of scientific publishing include:

- General accessibility (Open Access, OA)
- Cost and data transparency for publishers
- Lowering the entry threshold for new players and models in the publishing sector
- Tasks of the scientific community