

AKjDPG 4: New concepts in scientific publishing (joint session AGI/AKjDPG)

Time: Wednesday 14:00–15:45

Location: U SR 124

Invited Talk

AKjDPG 4.1 Wed 14:00 U SR 124

Beyond Open Access: SciPost — •JEAN-SÉBASTIEN CAUX — Institute of Physics, University of Amsterdam, Science Park 904, Postbus 94485, 1090 GL Amsterdam, The Netherlands

SciPost [1] is a by-and-for scientists initiative aiming to provide a Genuine Open Access [2] replacement infrastructure for the scientific publishing industry. Its journals are characterized by being open access for both readers (no subscription or reading fees) as well as authors (no author fees/APCs), giving generous licenses (CC-BY) with copyright to the authors. All editorial work is performed by active professional scientists, without competing financial or corporate interest. As an organization, SciPost is purely not-for-profit and community-owned, and follows a cost-slashing consortial business model.

This talk will outline the initiatives main aspects (with emphasis on its open peer-witnessed refereeing protocol), current status, and upcoming expansion plans, in view of recent developments in policy and business.

[1] <https://scipost.org/>

[2] <https://jscaux.org/blog/post/2018/05/05/genuine-open-access/>

Invited Talk

AKjDPG 4.2 Wed 14:45 U SR 124

Multi-Stage Open Peer Review: Integrating the strengths of traditional peer review with the virtues of transparency and self-regulation — •ULRICH PÖSCHL — Max Planck Institute for Chemistry, Mainz, Germany

The traditional forms of scientific publishing and peer review do not live up to the demands of efficient communication and quality assurance in today's highly diverse and rapidly evolving world of scholarly research and teaching. They can be advanced by interactive and trans-

parent forms of review, publication, and discussion open to the scientific community and to the public. The concepts and achievements of interactive open access publishing and multi-stage open peer review will be presented and discussed, building on more than 15 years of experience with the interactive open access journals of the European Geosciences Union and related developments (ETAI, JIME, SciPost Physics, F1000 Research etc.). Further initiatives and perspectives of open access will also be addressed (OA2020 etc.).

U. Pöschl, *Frontiers of Computational Neuroscience*, 6, 33, doi:10.3389/fncom.2012.00033, 2012

https://www.atmospheric-chemistry-and-physics.net/pr_acp_Poschl_FrontiersNeuroscience2012_MultiStageOpenPeerReview.pdf

A Short History of Interactive Open Access Publishing, Copernicus Publications, 2011

https://www.atmospheric-chemistry-and-physics.net/pr_short_history_interactive_open_access_publishing_2001_2011.pdf

https://www.atmospheric-chemistry-and-physics.net/about/news_and_press.html

<https://www.mpic.de/forschung/publikationen/openaccess.html>

<https://oa2020.org/be-informed/>

AKjDPG 4.3 Wed 15:30 U SR 124

Discussion — •UWE KAHLERT¹, ENRICO STEIN², JEAN-SÉBASTIEN CAUX³, and ULRICH PÖSCHL⁴ — ¹RWTH Aachen University — ²TU Kaiserslautern — ³Institute of Physics, University of Amsterdam — ⁴Max Planck Institute for Chemistry, Mainz

How can new concepts improve the dissemination, transparency and quality control of scientific results and publications? We will discuss these aspects with the speakers of this session.