

## AGI 1: New concepts in scientific publishing (joint session AGI/AKjDPG)

Time: Wednesday 14:00–15:45

Location: U SR 124

**Invited Talk** AGI 1.1 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** AGI 1.2 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 address (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](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/pr_short_history_interactive_open_access_publishing_2001_2011.pdf)[https://www.atmospheric-chemistry-and-physics.net/about/news\\_and\\_press.html](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/>

AGI 1.3 Wed 15:30 U SR 124

**Discussion** — •UWE KAHLERT<sup>1</sup>, ENRICO STEIN<sup>2</sup>, JEAN-SÉBASTIEN CAUX<sup>3</sup>, and ULRICH PÖSCHL<sup>4</sup> — <sup>1</sup>RWTH Aachen University — <sup>2</sup>TU Kaiserslautern — <sup>3</sup>Institute of Physics, University of Amsterdam — <sup>4</sup>Max 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.