

APE 2021

12–13 January 2021 Berlin

**The New Face of Trust
The First Publishing Event
in the New Year!**

ape2021.eu



**Final Program : Morressier will livestream the whole program and make it available for a long time after 12-13 January 2021 - Get your ticket and take your time!
APE 2021 Leibniz Hall - this time virtual!**

Berlin Brandenburg Academy of Sciences and Humanities

Full Unlimited Online Coverage

DAY ONE: Tuesday, 12 January 2021

Please note: all times indicated are based on **Central European Time (CET)**

10:30–13:00

- **A very short Welcome,**
Arnoud de Kemp, Founder of APE & Chairman, Program Committee

Greetings:

- **Prof. Dr. Christoph Marksches**, President, Berlin Brandenburg Academy of Sciences and Humanities, Berlin

Keynotes:

1. Open and Autonomous. The Basis for Trust in Science

- **Prof. Dr. Dorothea Wagner**, Chairwoman of the German Council of Science and Humanities, Cologne

The COVID 19 pandemic has demonstrated that trust in science is an important societal resource. The way politicians and the public dealt with scientific research was an important factor in determining how different countries coped with the disease and its social and economic repercussions. To improve the resilience of societies, it is important to understand what is the basis for trust in science. An open and transparent system of scholarly communication that safeguards its autonomy will be a crucial element in this.

2. Reinvention or Return to ‘normal’? Scholarly Communications at a Crossroads

- **Lauren Kane**, President, Society for Scholarly Publishing (SSP) and Chief Strategy Officer, Morressier, Washington, DC

There is no mistaking 2020 for just another year. The extraordinary challenges posed by Covid-19 and ensuing public health and financial crises will cast a long shadow for many years to come. 2020 also acted as watershed moment for scholarly communications, forcing long running debates surrounding equitable access, the rapid dissemination of research, and the politicization of science into the spotlight. Never has scholarly communications been more relevant; never has the work being done to support the global research community more important. The question now becomes, where do we go from here? Do we return to

existing structures and norms, or does this become an opportunity for rethinking and reinvention? Kane will explore the resiliency of this community in the face of challenges new and old, and the potential for a more collaborative, interoperable, and inclusive future.

3. Opening Doors to Discovery: How Partnerships are Key to advancing Open Science

- **Frank Vrancken Peeters**, CEO, Springer Nature, Berlin

The evolution of scholarly communications has accelerated in recent years, and 2020 has only increased this trend. Opening up access to research publications, simplifying or customising the digital experience, or improving the speed of publishing – publishers need to work in partnership with institutions, funders, and new players in the market to develop solutions for researchers. This keynote will explore how partnerships can work in practice and help advance open science, publishing and the research system as a whole.

13:00–13:30

Break

13:30–15:00

Panel: Restoring Trust in Published Research

- **Moderator: Prof. Dr. Ulrich Dirnagl**, Quest - BIH Center for Transforming Biomedical Research, Berlin Institute for Health Research, Charité, Berlin, also representing the **Berlin University Alliance (BUA)**
- **Keynote: Restoring Trust in Published Research**
Prof. Dr. Malcolm MacLeod (BSc(Hons) MBChB PhD FRCP Ed), Professor of Neurology and Translational Neuroscience, Centre for Clinical Brain Sciences, Edinburgh
- **Author Checklists (ARRIVE, CONSORT, et al.): Quality Assurance or Box-Ticking Exercises?**
Dr. Nathalie Percie du Sert, Head of Experimental Design and Reporting, National Centre for the 3Rs, London
- **Does Peer Review live up to its Promise?**
CON: Dr. Remco Heesen, The University of Western Australia, Perth

PRO: Dr. Deborah J. Sweet, VP of Editorial, Cell Press, Cambridge, MA

- **Preprints and the Crowdsourcing of Peer Review**
Anne Scheel, M.Sc., University of Eindhoven (Early Career Researcher)
- **Preregistration: A Silver Bullet to increase Research Quality?**
Prof.Dr. Stavroula Kousta, Chief Editor, Nature Human Behaviour, Nature Research, London
- **Safeguarding Research Quality before the Horse is out of the Barn, that is: a paper submitted**
Anton Bespalov, Founder, Partnership for Assessment and Accreditation of Scientific Practice (PAASP), Heidelberg

15:00–16:30

Panel:

OA: Creating a Level Playing Field for the Global South

- **Moderator: Anne Kitson**, SVP Cell Press and The Lancet, Elsevier, London

Scientific publishing is transforming rapidly into an OA dominated landscape. Since the advent of access programs such as Research4Life, which bridges the access gap for researchers in developing countries, we have seen a steady increase in research output from the global south—a 10.5% growth in output between 2009-2018. However, this positive trend towards a more inclusive research ecosystem could be undermined by the OA cost burden that would be placed by authors in developing countries. From the September 2020 white paper co-published by the International Center for the Study of Research and STM, we know that in 2018, 75% of researchers from developing countries still published in subscription journals. How can the publishing community ensure a more—rather than less—inclusive OA playing field for the Global South? Panelists will bring researcher, editor, publisher and Research4Life perspectives to map out the burning issues and best solutions.

- **Andrea Powell**, Outreach Director and Publisher Coordinator, Research4Life, STM
- **Dr. Haseeb Md. Irfanullah**, Independent Consultant - Environment, Climate Change, & Research System, Bangladesh

- **Prof. Yap Boum**, Regional Africa Representative, Epicentre (MSF)
- **Dr. Uduak Okomo**, Postdoctoral Fellow based in The Gambia, London School of Hygiene and Tropical Medicine

16:30–18:00

Panel:

OA and the Value of Selectivity

- **Moderator: Liz Ferguson**, VP Editorial Development, Wiley, Oxford

The session builds on the numerous discussions over the last couple of years on how to make OA work in an equitable and sustainable manner for selective journals across a widely divergent global open access landscape. A principled discussion on the inherent value of the different dimensions of selectivity applied by academic journals (e.g. for quality of research, for the importance (which includes a number of different definitions), for the depth and breadth of the research findings, for the integrity of the research, for its novelty/conceptual advance, or for its newsworthiness, etc.) seems timely to reaffirm the value of this selectivity and to ensure OA moves away from being labelled a process uniquely suited for lower selectivity publishing. In particular, we also want to focus on how to make highly selective OA work.

Panelists will evaluate content related bottlenecks in current OA business models and will provide recommendations and examples for solutions.

- **Dimensions of Selectivity and how they add Value**

Dr. Bernd Pulverer, Chief Editor of The EMBO Journal and Head of Scientific Publications, EMBO, Heidelberg

- **Financial Transparency and the Cost of Quality**

Alison Mudditt, CEO, Public Library of Science (PLOS), San Francisco, CA

- **Crisis in Communication: the Functions and Future of selective Journals**

Dr. James Butcher, VP Journals, Nature Research and BMC, Springer Nature, London

18:00–19:30

Beyond the Paper, the Data, and then a bit further

– Capturing more of the Research Workflow

- **David Crotty**, Editorial Director, Journals Policy, Oxford University Press, New York

The research paper is a highly evolved method of efficiently summarizing a research project. But as we abandon the constraints of the print era, opportunities arise to add to the depth of knowledge presented and useful outputs created beyond those efficient summaries. The open data movement is the first and most obvious addition to the scholarly record, providing valuable resources both for reuse and reproducibility purposes. Where else in the research workflow should we be focusing? What other parts of the process can both be captured and provide value to the community?

- **Registered Reports**
Dr. David Mellor, Director of Policy Initiatives, Center for Open Science (COS), Charlottesville, VA
- **Reporting Research Methodologies and Reagents**
Maryann Martone, Professor Emerita of Neuroscience, University of California at San Diego
- **Publishing a complete Record of a Research Project**
Scott Fraser, Provost Professor, Director of Science Initiatives, University of Southern California, Los Angeles

DAY TWO: Wednesday, 13 January 2021

10:00–10:30

From Complexity to Transparency: How the OA Switchboard is building a cost-effective collaborative Infrastructure Solution for an OA-driven scholarly Communications Landscape

- **Yvonne Campfens**, Executive Director, OA Switchboard, The Hague

Open Access (OA) output is growing year-on-year and there is widespread belief that research will function better if results are made openly available to the community. For a breakthrough in the transformation of the market such that OA is supported as the predominant model of publication, a joint challenge has to be addressed:

the complexity around the implementation of multi-lateral OA publication-level arrangements. The OA Switchboard contributes to the solution as a neutral, independent intermediary providing shared infrastructure, standards and back office services for funders, institutions and publishers. Following a 2020 project overseen by OASPA, as of 2021 it will be run from the newly founded Stichting OA Switchboard.

This presentation tells the story of the OA Switchboard initiative so far and shows how stakeholders are applying this simple solution to tackle multiple use cases as we move into 2021. It also presents how the OA Switchboard contributes to building trust by addressing challenging topics in the global transition to OA.

10:30–11:30

Session: New Dotcoms to Watch

- **presented by Drs. Eefke Smit**, STM Director of Standards and Technology, Amsterdam

In our ever popular Dotcoms-to-Watch session, we shall again present you a stellar line-up of start-ups that we have identified as potential movers and shakers in scholarly communication.

Don't miss it! And join the audience popularity vote. This year you will hear from:

- **Sciscore.com** by **Martijn Roelandse**, Lead Business Development
- **Labforward.io** by Founder/ CPO **Florian Hauer**
- **iris.ai** by CEO and Co-Founder **Anita Schjøll Brede**
- **MagmaLearning.com** by Founcer/CEO **Maxime Gabella**
- **Scholarcy.com** by CoFounder **Emma Warren-Jones**

11:30–13:00

Session: Collaborations built on Trust

- **Dr. Manuela Gerlof**, VP Publishing Humanities & Social Sciences, DE GRUYTER, Berlin and **Prof. Dr. Andreas Degkwitz**, Director, Humboldt University Library, Berlin

Scholarly communication in HSS is shifting rapidly towards digital, open

and transparent exchange, resulting in a growing need for alternative paths of Open Access transformation and new, innovative publishing formats. In addition to new infrastructures parallel to the commercial publishing industry, more and more institutional and academic stakeholders are collaborating with publishers based on a shared set of values and mutual trust. This session introduces inspiring collaborations that address the specific needs of the Humanities and Social Sciences.

- **'Subscribe to Open' as an alternative path to OA Transition**
Dr. Kamran Naim, Head of Open Science, CERN, Geneva

- **Collaborative Open Access: The National Contact Point Open Access**
Dirk Pieper, University Library Bielefeld

- **Data-driven Publishing and scalable Reading: co-designing the 'Journal of Digital History'**
Prof. Dr. Andreas Fickers, Director, Luxembourg Centre for Contemporary and Digital History, University of Luxembourg

- **The Future of the Monograph: long-form Scholarship in the digital Age**
Ros Pyne, Director, Open Access Books and Book Policies, Springer Nature, London

13:00–13:30

Break

13:30 – 15:00

Session:
Climate Action. Influencing Policy and tackling real-world Challenges – how can scholarly Collaboration support rapid Action?

How collaboration across scholarly communication stakeholder groups can support the research community to deliver the SDGs

- **Dr. Liz Marchant**, Global Journals Portfolio Director - Life, Earth & Environmental Sciences, Taylor & Francis Group, Abingdon

Our planet's ecosystems and climate are experiencing unprecedented rates of change. The science tells us that we are not on track to limit an increase in average global temperatures and that our greenhouse gas emissions continue to rise. Like most of the United Nations Sustainable

Development Goals, climate change is a complex problem that requires both global and local approaches, multiple perspectives and many types of solutions. This session will seek to discuss the role of research and data in helping to accelerate progress towards the SDG 13 Climate Action and the importance of taking an integrated approach between all stakeholders, including researchers, publishers, policy and society.

- **Climate Action – what the Data tells us**

Dr. Lewis Collins, Editor in Chief, One Earth, Cell Press, Cambridge, MA
What does the data tell us around the research trends for publications related to SDG 13 Climate Action. Lewis Collins will walk through key data presented in the 2020 Elsevier SDG report.

- **Combining Policy, Science and Publishing**

Dr. Joanna Depledge, C-EENRG Fellow, University of Cambridge, Editor, Climate Policy Journal

Building research evidence in international climate change politics - how can better collaboration across scientific disciplines, scientific funders and academic publishers better influence policy for climate change?

- **The SGG Publishers Compact**

Speaker: TBA

- **What does the Research Community need from Stakeholders?**

Dr. Andrew Kelly, Portfolio Manager at Taylor & Francis Group, Abingdon

What our authors have told us – the view from every day researchers exploring how research evaluation isn't always aligned with their ambition to drive real-world impact and to solve the problems facing our global society.

15:00 – 16:30

Panel:

Balancing the Need for rapid Sharing with the Need for rigorous Evaluation – the Role of Preprints and Peer Review

- **Moderated by Magdalena Skipper**, Editor-in-Chief, Nature, London

The already rising adoption of preprints across numerous research communities has seen an astronomic increase during the COVID-19

pandemic owing to the need for rapid information sharing during. The benefit is clear and yet it is arguably especially crucial within the health and clinical sciences that scientific findings are appropriately scrutinised before made public. Peer review, considered the cornerstone of scholarly publishing, has not been without its critics, leading to a proliferation of models and experiments. Panellists will share their views on the contribution of preprints to scholarly communication within the community and beyond, and discuss the present and the future of peer review, and its potential.

- **Dr. Theodora Bloom**, Executive Editor, The BMJ, London
- **Prof. Dr. Christopher Aiden-Lee Jackson**, Equinor Professor of Basin Analysis, Imperial College, London
- **Sowmya Swaminathan**, Head of Editorial Policy Research Integrity, Nature Research, Berkeley, CA
- **Rebecca Lawrence**, Managing Director, F1000 Research, London
- **Dr. Thomas Lemberger**, Deputy Head of Scientific Publications, EMBO, Heidelberg

16:30–18:00

Final Session: The Fourth Paradigm : Data-Intensive Scientific Discovery: More than 10 years later.

- **Moderated by Dr. Irina Sens**, Dep.Director, TIB, Hannover

In 2009 the book 'The Fourth Paradigm: Data-Intensive Scientific Discovery' was published. It is a collection of provocative, forward-looking essays. The concept focuses on how science can be advanced by sharing data.

Since then there is almost a hype about research data and research data management, but what is the reality? In Germany, the National Research Data Infrastructure program is starting, at European level the EOSC is in the spotlight and STM publishers have declared 2020 to be the STM Research Data Year.

- **Recycle the Waste!**
Prof. Dr. Claudia Draxl, Physics Department, Humboldt-Universität zu Berlin

Many research data produced today may appear irrelevant in the context they have been produced. Being regarded as waste, they are not published and often thrown away. However, they may turn out highly valuable for other purposes. Moreover, our current publishing style is dominated by success stories. However, when failures are brushed under the carpet, we may not know why something fails. Overall, a cultural shift in publishing is urgently needed. Let's emphasize that the R in FAIR (reusability) also means "store, share, and recycle the waste!" In other words, data need to become Findable and AI ready – an alternative interpretation of the acronym FAIR.

- **STM Research Data Year 2020 - A Review**

Dr. James Milne, President, ACS Publications, Oxford, and Chairman of the Board of STM, the International Association of Scientific, Technical and Medical Publishers

Regardless of the field of study, sharing data is one of the most fundamental aspects of Open Science and of maintaining the integrity of research. As publishers are pivotal in encouraging authors to share data, linked to their publications and cited properly, STM dedicated 2020 as the Research Data Year. In this presentation the activities, results and outcomes of this program will be reviewed and evaluated. It will also present the plans going forward, aimed at structurally making the sharing, linking and citing of research data an integral part of scholarly communication.

- **European Open Science Cloud**

Prof. Dr. Karel Luyben, Chair of the Executive Board der European Open Science Cloud (EOSC), Brussels

The Web of FAIR data for Science is defined as the set of services that will allow scientists and machines to collaborate in storing, processing, finding, accessing and reusing scientific data. These services will leverage the interoperability of data sets offered by services complying to EOSC rules of participation. These services will be generic as well as specific: Generic services will be used by any scientist (e.g. data onboarding, data transfer, data discovery, helpdesk services, ...).

Specific services (also called applications) will be used by scientists depending upon their domain of expertise (e.g. visualization services, statistical analysis services, domain specific services, cross-domain services, ...).

18:00

Auf Wiedersehen! Goodbye!

We would like to thank the Program Committee, Chair Persons and Speakers for realizing this program under difficult circumstances.

We would like to thank everyone who has followed this very different APE Conference. We hope that next year, we will be able to not only have yet another excellent program, but also to see each other in real life, in Berlin.

Please note: **APE 2022**, 10-12 January 2022.