

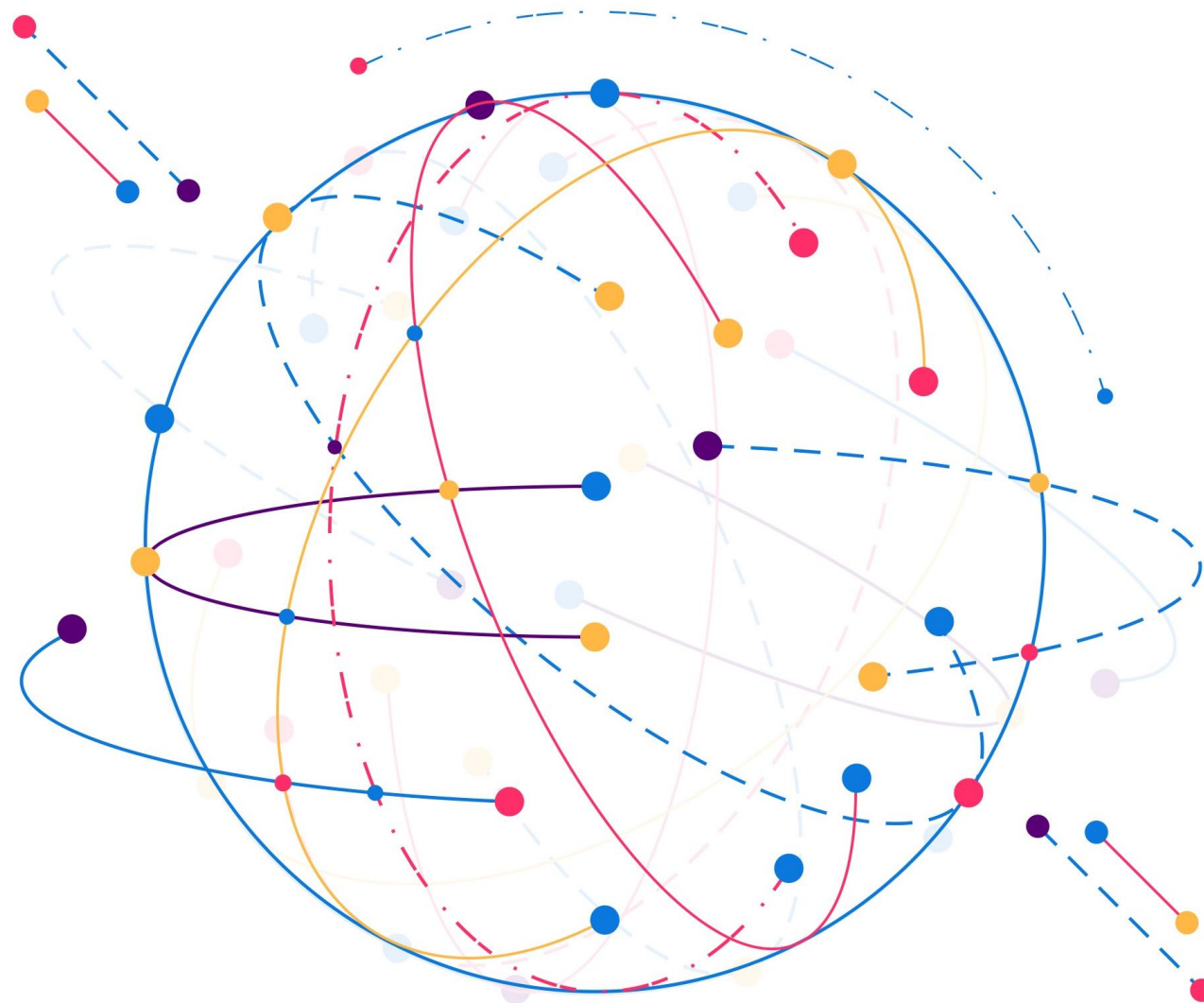
IOP Publishing

Expanding the world of physics

From Open Friendly to Open First: IOP Publishing's Open Access Journey

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JST/STM Conference
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Open Access timeline at IOPP

1998

Launch of *NJP*

2006

Launch of *ERL*

2011

Introduction of hybrid open access

2012

First use of Creative Commons licence

2014

First open access offsetting deals (UK / FWF)

2017

Launch of *JPCO*, plus *RNAAS* with AAS

2020

- Launched **Open Physics** highlighting our open science efforts
- *Materials Research Express* flips to open access
- Launch of *NANOX*, *MQT*, *IOPSN*, and *PSJ* with the AAS
- Rolled out mandatory data statements across all IOPP titles
- Introduced transparent journal metrics
- First non-European Transformative Agreement signed in Saudi Arabia

2019

- Launch of *MLST* and *JPhys Complexity*, and *IJEM* with Chinese partners
- Research data policies introduced across all IOPP titles
- Transparent peer review trial

2018

- Launch of *JPhys* OA journals series and *ERC*
- First 'Read & Publish' deal struck with Max Planck

2021

- Launch of *ERIS* and *NCE*
- IOPP Transformative Agreements extended to include partner journals
- Number of institutions with Transformative Agreements reaches 200
- Transparent peer review rolled out to all IOPP open access journals

2022

- **Open Horizons strategy** launched
- AAS journals flip to open access
- Launch of *ERCL*, *ERH* and *ERE*; *MF* with Chinese partners; and *ECSSP* and *ECSA* with the ECS
- First Transformative Agreements signed in North America
- Extend APC discount and waiver to all IOPP journals including hybrid
- Strengthen data policy to require reason for closed data

2023

- *Nuclear Fusion* flips to open access
- Launch of *EREnergy* and *ERFood Systems*
- Number of institutions with Transformative Agreements reaches 900 in 33 countries
- Commenced roll-out of Transparent Peer Review to hybrid journals

First open access journal (1998) and launch of hybrid open access (2011)

1998

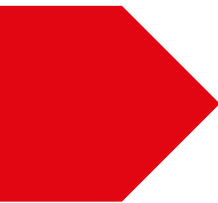
New Journal of Physics was the first fully open access journal covering all of physics, providing an early model for effective online-only, open scientific journals.

- Launched collaboratively by two scientific societies – the Institute of Physics and the German Physical Society

2011

Extending the choice to publish on an open access basis across all of our primary research journals ('hybrid open access'), thereby allowing all of our authors to publish their results open access if they wished to or had a requirement to do so from their funding body.


Transformative agreements



Successful early pilot of 'offsetting' in 2014 set the groundwork and a precedent for future agreements

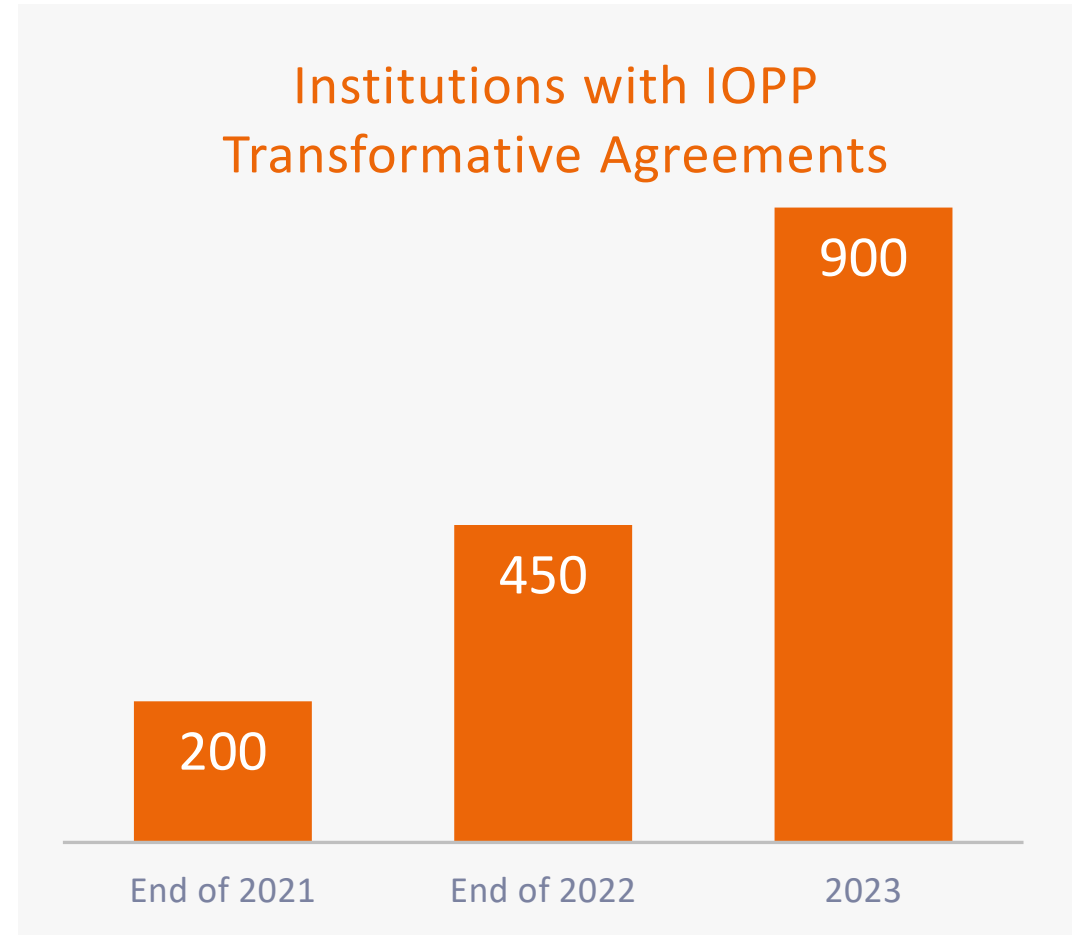


First read & publish agreement in 2018 in Germany




Such agreements have enabled institutions and consortia to accelerate the transition to open access for their researchers by removing publication fees

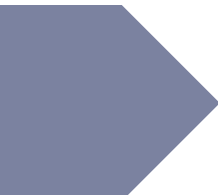
Institutions with IOPP Transformative Agreements



Acceleration in new open access journals from 2017

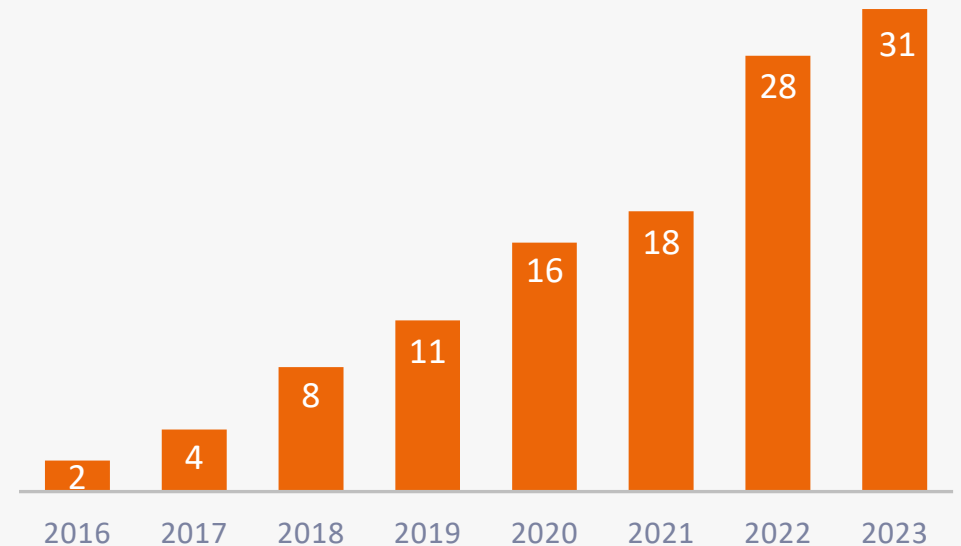


New open access journals have broadened the range of subjects and types of articles that researchers can publish open access

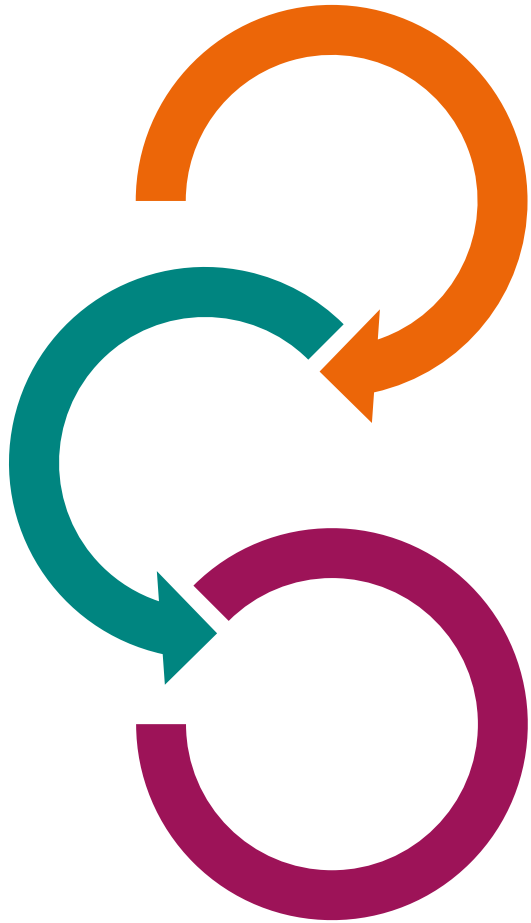


We have expanded into new fields of physics and materials as well as environmental sciences

Cumulative number of fully open access journals published by IOPP



Flipping journals to open access

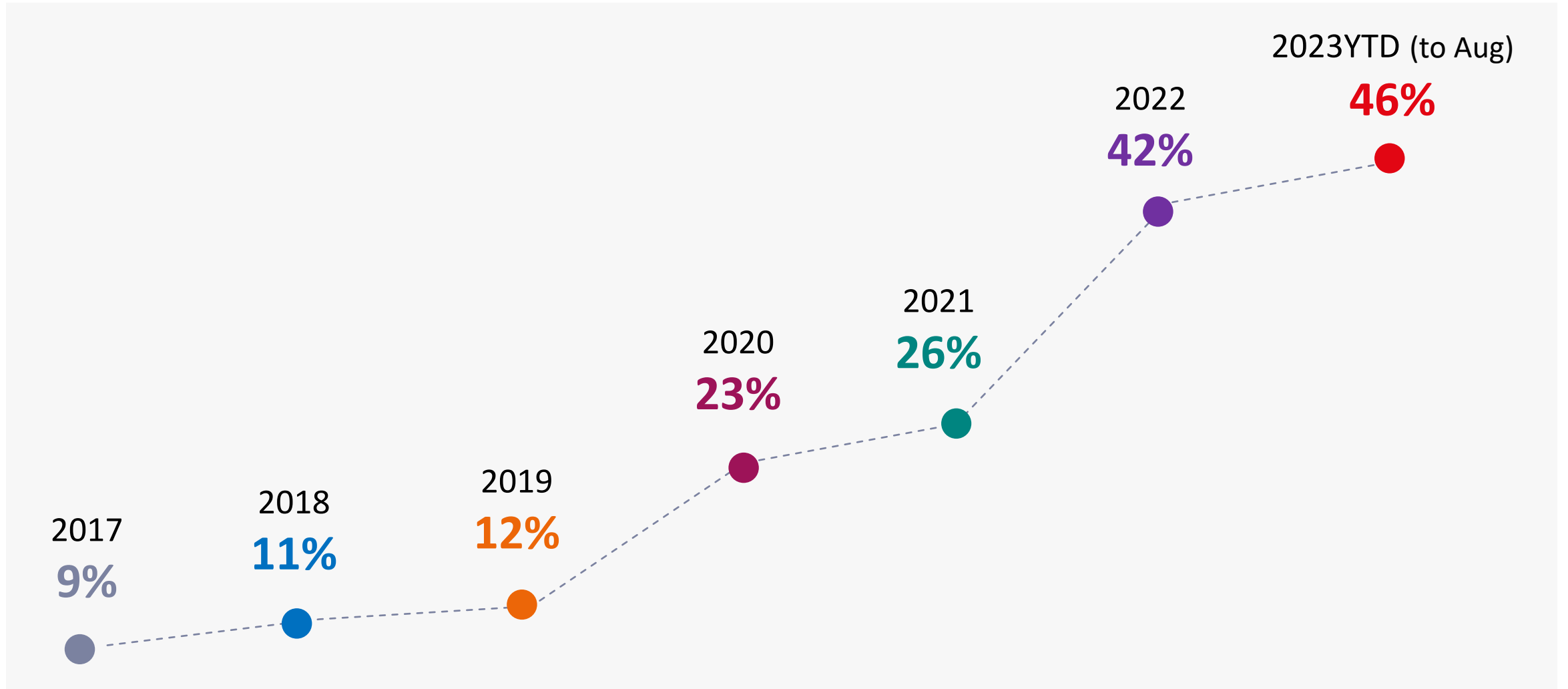


We flipped our largest journal, ***Materials Research Express***, to open access from 2020

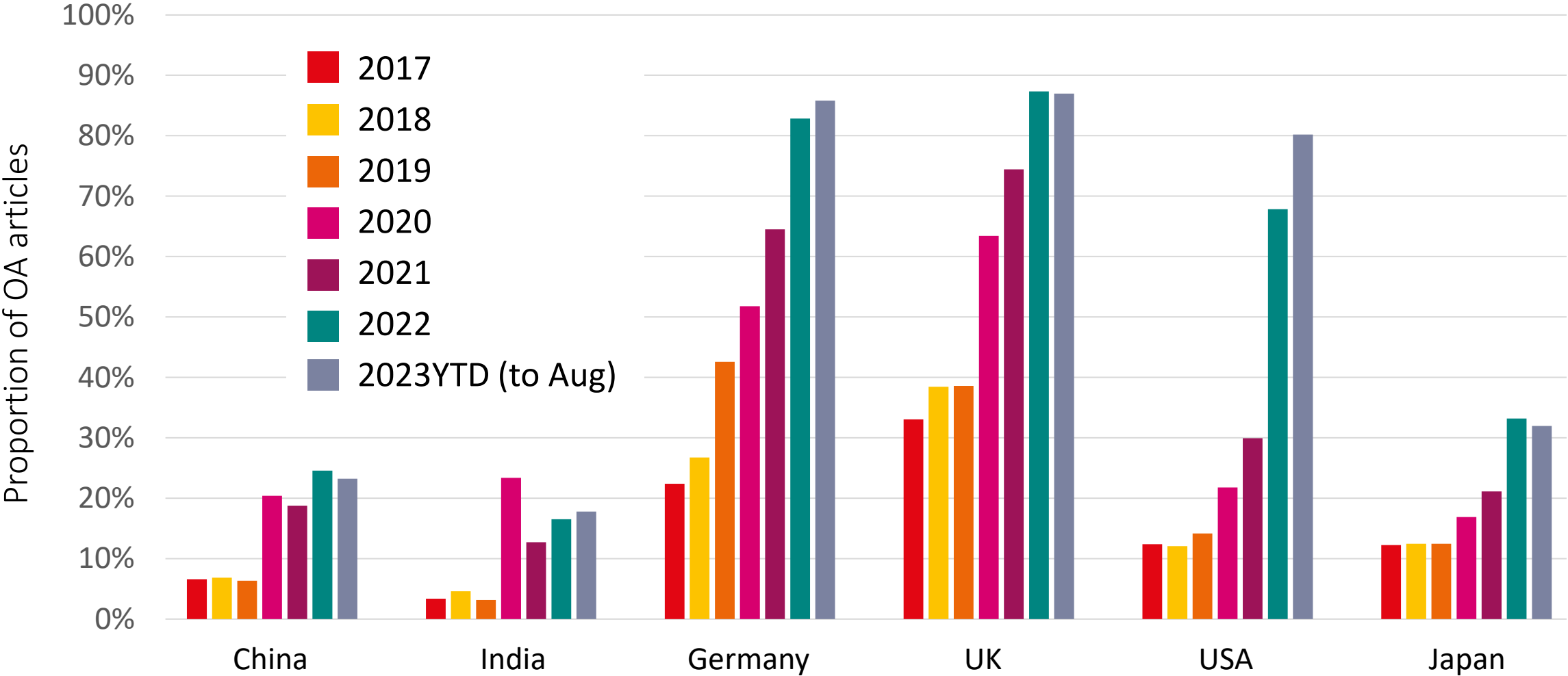
Provided our first dedicated home for materials researchers to publish research open access

We have subsequently supported our partners in the flip of five further journals, and will shortly flip ***Applied Physics Express*** which we publish for the ***Japanese Society for Applied Physics***

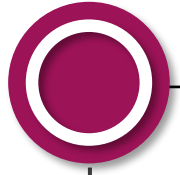
Growth of OA articles published by year



Growth of OA articles by country



Supporting open science



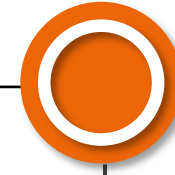
2020

- In 2020 we introduced a **new research data policy** requiring all authors to be transparent about whether they have shared their underlying data and where to access it
- That same year we also introduced **transparent metrics** about our journals' peer review services and levels of diversity & inclusion



2021

- In 2021 we introduced both **double-anonymous peer review** and **transparent peer review** allowing maximum objectivity during the review process, and maximum transparency after publication.



2022

- From 2022 we bolstered equity in open access publishing by **extending our APC waiver policy** – which significantly reduces or eliminates fees for authors from low and middle income countries – to all of our open access and hybrid journals



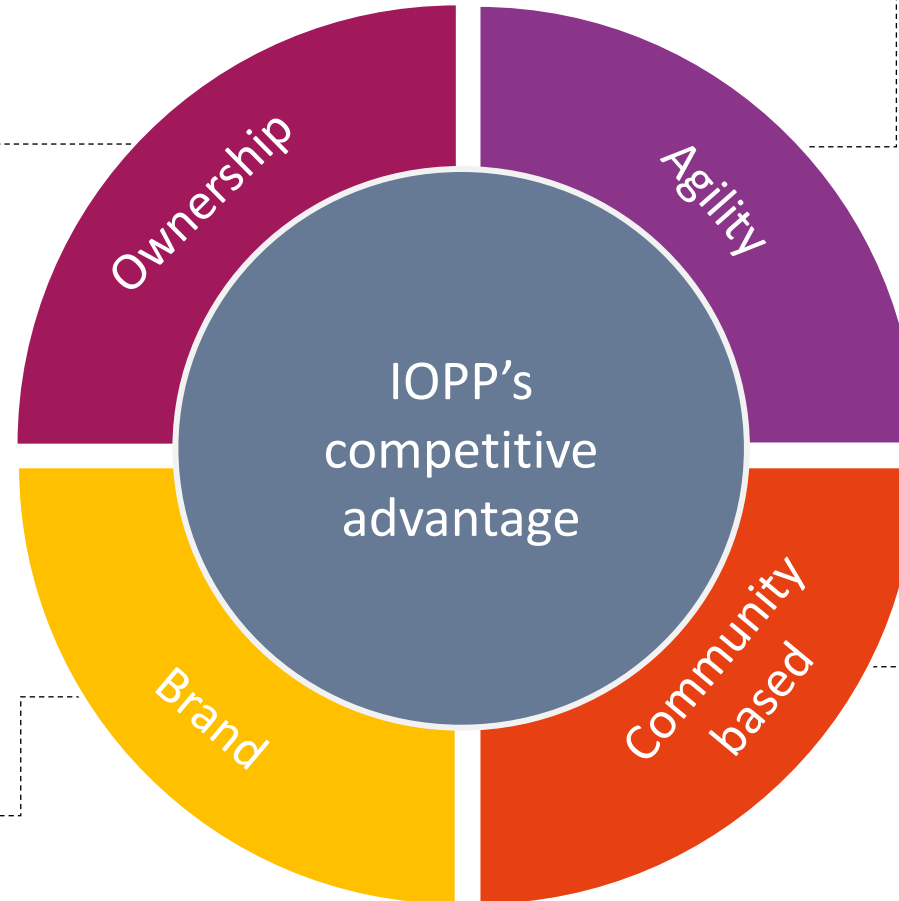
OPEN HORIZONS

Our path towards universal access of research

The academic publishing landscape is becoming increasingly complex, challenging and competitive. Open horizons sets out our strategic ambitions, creating a new future that makes universal access to physics research a reality with an emphasis on author experience and operational excellence to set us apart.

We are a not for profit,
able to take the long
view, and in control of
our own financial
destiny

We are small enough to
be agile, large enough to
control our own
resources



We have a strong
reputation with
customers as a 'good
citizen' and a publisher
of quality

As a domain specific
publisher, we have the
opportunity to be the
'open publisher' for our
community

Open Horizons strategy and how it is rooted to our mission, vision and purpose



OPEN HORIZONS

Making universal access to research a reality by providing more open-first publishing services to more scientists

Encouraging greater uptake of open access

Providing outstanding publishing services to researchers

Improving the discoverability and impact of research

Encouraging greater take up of open access

Open access through transformative agreements



We now have transformative agreements with over 900 institutions in 33 countries.

Providing outstanding publishing services to researchers



Leadership in Peer Review

- Peer Review Excellence training and certification
- 13,000 IOP Trusted Reviewers
- In 2023 we held 27 workshops (online and in-person) and supported 1,500 new researchers through our online training hub
- IOPP first publisher to offer all of our reviewers feedback on their review, direct from the Editor
- Introduced co-review facilitating better collaboration between senior and early career reviewers



Modernising Submission and Peer Review

Co-develop a peer review system that prioritises efficiency, accessibility & research integrity

Improve author & reviewer experience by reducing submission & peer review times

Increase satisfaction rates across all users

Enable Open Access publishing at scale

IOP Publishing
Morressier

Investing in Research Integrity



Research Integrity at IOPP

In 2021 we had one part-time colleague.
Now we have a team of five research integrity specialists.

Average 44 new cases received each month, working upwards of 350+ cases at any given time

Average time to resolution is 76 days



Most Common Issues

Papermills / Authorship for sale

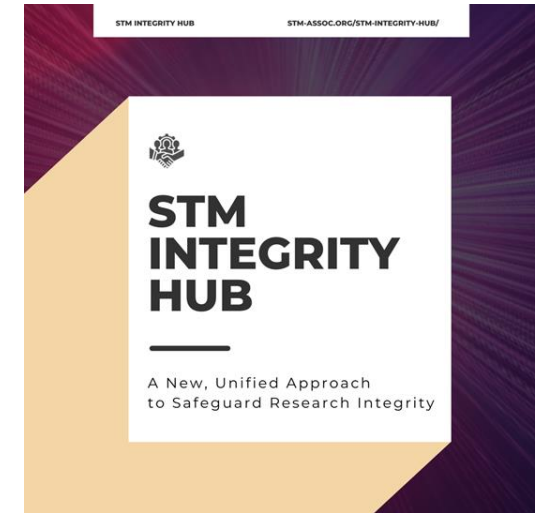
Plagiarism

Text recycling / self-plagiarism / salami slicing

Image manipulation

Authorship disputes

Computer / AI generated research



Improving the discoverability and impact of research

Open Horizons Vision

Customer Engagement (Researchers and Institutions)

CRM
Platform Strategy

Submission and Peer
Review Platform
Strategy

OA Payment and TA
Management
Platform Strategy

Content, Discovery &
Dissemination
Platform Strategy

360 Data & Analytics Strategy

Our new Open Horizons strategy does three things

