

TECH TRENDS

WORLD TOUR 2023

THE COLLABORATORS

ON BASS COLLABORATE ON INFRASTRUCTURE

- ▶ Cross Industry
- ▶ Open Publishing Platforms
- ▶ Make Infrastructure Connect and Open
- ▶ Optimize for Big Data and AI

ON GUITAR TRUST AND INTEGRITY

- ▶ Data Integrity
- ▶ Ethics for Data use
- ▶ Fact-based Science versus Fake Science
- ▶ Privacy and Complexity
- ▶ Trust and My Data

ON VOCALS OPEN SCIENCE

- ▶ Reproducibility
- ▶ Open Publishing Platforms
- ▶ Publish all Research Artefacts
- ▶ Research Data
- ▶ Workflow Systems

ON SAX A GOOD USER EXPERIENCE

- ▶ Make it Easy for the User
- ▶ Personalisation
- ▶ Decentralised Identity Management
- ▶ Better Author Metadata

SHARED INFRASTRUCTURE

- ▶ Interoperability Standards
- ▶ Cybersecurity
- ▶ Platform Syndication
- ▶ Easy Access
- ▶ RA21

SHARED INFRASTRUCTURE

- ▶ Share in the Cloud
- ▶ Amazon Webservices
- ▶ 5G; Ubiquitous Speed and Access
- ▶ Infrastructure for Plan-S
- ▶ Blockchain

DIVERSITY IN A MULTI-USER ENVIRONMENT

- AUTHOR
- READER
- DOCTOR
- ENGINEER
- CITIZEN
- PARENT
- YOUNG RESEARCHER
- POLICY MAKER
- FUNDER

BASSLINE INFRASTRUCTURE

- ▶ Collaboration on platforms for:
 - ▶ cost reduction
 - ▶ Transparency
 - ▶ revenue up ?
- ▶ Collaboration on:
 - ▶ Peer Review transparency and transportability
 - ▶ Better user experience
 - ▶ Research data
 - ▶ Platform standards
 - ▶ Blockchain and Open Ledgers
- ▶ Make infrastructures connect and open
- ▶ Efficiency drivers:
 - ▶ Interoperability standards
 - ▶ Publishing platforms
 - ▶ Collaboration

RIFFING ON TRUST AND INTEGRITY

- ▶ Trust and Integrity tools
- ▶ Check Research outputs on integrity
- ▶ Trust vs fake science
- ▶ Science and politics are dangerous
- ▶ Trust and (my) Data
- ▶ Data Integrity, Integrity in Data Use
 - ▶ Privacy versus personalisation
 - ▶ Ethics, Trust
- ▶ Privacy and Complexity

OUR OPEN SCIENCE SONG

- ▶ Workflow systems for Open Science
 - ▶ For researcher and consumer
- ▶ Open Publishing Platforms
- ▶ Publish ALL research artefacts
- ▶ Peer Review-plus (transform it)
- ▶ From Content facilitators to creators of Tech Tools
- ▶ Reproducibility
- ▶ Growth of Research Data
- ▶ Impact of new output types:
 - ▶ Data
 - ▶ AI output
 - ▶ New library services
 - ▶ Google stuff

A GROOVY USER EXPERIENCE

- ▶ Customer wears many hats
- ▶ Get used to Multiple Users
 - ▶ Disconnect buyers and users
 - ▶ Who IS the user ?
 - ▶ Can she be a machine ?
 - ▶ Include the baffled user
- ▶ Author-based publishing (from journals to article primacy)
- ▶ Access (open, universal, easy)
- ▶ Personalization
- ▶ Decentralised Identity Management