A hard act to follow?

Nelson Mandela / Thabo Mbeki

The Beatles / Wings

Sean Connery / George Lazenby

Princess Diana / Camilla Parker Bowles
A good time was had by all
Conference Summary

• So what’s the theme this year?

Just do it’s complicated again, Mark
So, what IS the theme?

![Optimist vs. Pessimist](image)

**Scientist**

- Half full: Optimist
- Half empty: Pessimist

**Free-body diagram:**

- $\Sigma F = 0$
- $N = mg$

**Composition:**

- 78.084% N₂
- 20.948% O₂
- 0.934% Ar
- 0.031% CO₂
- 0.002% Ne

**Refractive index:** 1.52

**H₂O + dissolved salts:**

- 55% Chlorine
- 30.6% Sodium
- 7.7% Sulphate
- 3.7% Magnesium

**Nitrogen**
Which one are you?
Which one are you?

- R4L
- Open
- Sustained societies
- Business model evolution
- Diversity
- ECR support
- Impact
- Ethical standards
- Collaboration
- Open peer review
- Innovation
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- Bad actors
- Regulation
- Over supply
- Unworkable OA
- Risk to smaller and Society publishers
- Funding for OA globally
- Only large publishers thrive
- Reproducibility crisis
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- Over supply; Unworkable OA
- Risk to smaller and Society publishers
- Funding for OA globally
- Only large players thrive
- Reproducibility
- Peer review quality
- Share price protection
Reasons to be concerned

• Ecosystem under threat

The ecosystem is assaulted by a changing research climate.

In the dynamic changes imposed on the system we must interact to cooperate and either adapt, evolve or become extinct.
Reasons to be concerned

• Ecosystem under threat
• Measurements and assessment are inadequate

The real trouble with measures

We can’t do without them.

Researchers as well as those in administration and policy making need a fast, reliable way to quantify scientific relevance.

So they use quantifiers that are readily available.
Reasons to be concerned

• Ecosystem under threat
• Measurements are inadequate
• Women are under-represented in STEM research
Reasons to be concerned

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• Peer review is broken
Reasons to be concerned

- Ecosystem under threat
- Measurements are inadequate
- Women are under-represented in STEM research
- Peer review is broken
- Journals don’t matter
Reasons to be optimistic
Reasons to be optimistic

WE MANAGED TO VIDEO LINK WITH A SPEAKER FROM 4,237 MILES AWAY WITH NO TECHNICAL ISSUES!

PROPS TO A/V TEAM!!
Reasons to be optimistic

• New models for Societies
Reasons to be optimistic

• New models for Societies
• R4L strengthening research in the Global South
Reasons to be optimistic

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• An agenda for greater diversity and transparency
Reasons to be optimistic

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• R4L strengthening research in the Global South
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• Technology can enable better peer review, measurement, data sharing and improve reproducibility
• Journals matter
We had debates to resolve this
And we agree more than we disagree
Summary themes

• How robust, transparent and fair is the scholarly communications process? Are the key players aligned?

• Impact – how to define, measure and maximize as a public good?

• Talent: how can global, female and early career researchers be better supported?

• Open Access / Open Science
An Agenda
An Agenda
My Agenda
My Agenda

• Innovation – where is it coming from and which problems are we solving with the most urgency? Are they the right ones?
• Global science – forwards or backwards?
• Partnership – to accelerate to Open Access, to fix assessment
• Communication – how well do we understand all the needs around the research lifecycle? Not as well as we did???
So what to do?
So what to do?

HOW CAN I SOLVE THESE BIG PROBLEMS?

COMPLETE YOUR R2R DELEGATE SURVEY!
THANK YOU