Helga Nowotny

Transparency and accountability: what is really going on?

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Everybody is against scientific misconduct and fraud
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yet there seems to be more than ever
Some of the reasons – 1

- Perception vs. Reality
- Increasing pressure on scientific careers
- Reproducibility crisis
Some of the reasons – 2

- Peer review system
- Role of media
- Economic interests: the Merchants of Doubts
The response:

MORE Accountability
and
MORE Transparency
Enter ambiguity

- Science can no longer be trusted to regulate itself

- The role of trust and tacit knowledge

- Sharing: Open Access, Open Innovation, RRI
Transparency:
Making the Invisible Visible

Visibility towards the outside

renders the inside invisible
The 'other side' – what do we tell our students?

- Learning to play the game
- Towards an embedded ethos of research integrity
What is really going on?
Locating reality

- Multiple theaters of accountability’ (U.Felt) and of transparency
- Actual practices and their institutional context
- The messiness of temporal oscillations
A wider transformation?

- The age of big data and its challenges: data and material
- The blurring of categories: object/participant/consumer
- Sharing and the norm of reciprocity