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**Business models for
scientific information,
and the scientific process?**

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Scientific process

- **universal**
 - nobody excluded
- **knowledge is common property**
 - not end product
 - intermediary product
 - scientific scrutiny, falsification
 - availability: *conditio sine qua non*
- **scientific information**
 - create value in the scientific process

Scientific information

- integral part scientific process
 - e-science
- integration of information
 - merged, manipulated, used
 - innovative change
- common property

Business models

- organisation of property
- create value in scientific process
- create commercial value
 - outsourcing
 - value creation scientific process
- sustainable

Business models

- **subscription model**
 - scientific community invests
 - scientific process
 - external: consumer model
 - weakness
 - little incentive broad availability
- **open access model**
 - scientific community invests
 - scientific process
 - internal: acquisition costs
 - weakness
 - little incentive efficient selection instrument for reader

Peer review

- core to property
 - core to business model
- service to author
- added value reader
- frame: editorial list
- practice of science

Repositories

- **if structured**
 - added value secondary services
 - provide comprehensive overview
- **professionalised**
 - task university management
 - moral rights author to be protected by repositories

Suggestion

separate

- **availability + peer review**
 - basic service, no frills

from

- **added value services**
 - optional and extra charge

Conclusions

- **structure science**
 - business model should be commensurate
- **property crucial**
 - peer review key