

# Transition in Scientific Journals: towards a new Scientific Communication

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## Background

- New Information and Communication Technologies and the Internet have completely changed many of the ways things were done
- However, Scientific and academic Communication have not changed as it was predicted. Journals, papers and their impact (measured in citations) are still the assets for evaluating the scientific performance
- Open Access and other movements have had a big impact over the business model in Science, but not over the way Science is spread



## Objectives

- Study of the accessibility of academic journals and papers
- Definition of the added value parameters in digital journals
- Comparisons among different disciplines, considering Chemistry, Physics, Information Science, Communication Science



## Methods

Analysis on parameters of four levels

1. site publishers
2. journals
3. scientific articles
4. bibliography

## Preliminary Results and Conclusions

- Added Value Parameters depending on the publisher rather than the journal
- Big Publishers seems to have more accessibility
- A bigger synergy is expected between journal and author in the postpublication process
- There are not significant differences in accessibility among disciplines

