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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 thing 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 Acess 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 sinergy is expected between journal and author in the postpublication process
- There are not significant differences in accessibility among disciplines







