

CS Publishing: the far future

1. Introduction

- Elsevier Science, largest scientific publisher in the world.
+/- 1600 journals. Different imprints: Elsevier, North Holland, Pergamon, Academic Press, Morgan Kaufmann, etc.

CS Publishing: the far future

- +/- 100 titles in Computer Science – almost 30% market share in CS papers

Some titles: *Artificial Intelligence* *Neural Networks*
 Pattern Recognition *Information Systems*
 Computer Vision and Image Understanding

- Electronic platform: ScienceDirect, 2 million (with new articles & backfiles) articles and growing fast

2. The (not so) far future

- everything electronic: current & past publications submission process
- faster publication after acceptance (Articles in Press)
- all pre-acceptance stages of the article visible on preprint server (probably still for free, although someone has to support); OAI compliant
- final version on secure platform with superior functionality, well maintained (and not for free)

The (not so) far future

- authors will go beyond paper: animation, software, soundfiles, interactive articles
- further integration :
 - journals, major reference works, handbooks etc.
 - all references linked (“cited by”, “cites”)
 - links from objects in text to databases
 - thesauri, anthologies
 - abstracting & indexing

The (not so) far future

- Improved disclosure, enhanced search: across all publishers, search only on CS information – scirus.com
- further personalization & customization
- One portal in CS (now 3: ACM, IEEE, ES: Compsciweb.com)

The (not so) far future

- living articles: articles which are constantly updated
- move from copyright to (exclusive?) license to publish?
- journal brands still important to attract articles, but platform brand also important: “Artificial Intelligence powered by ScienceDirect”
- Virtual Journals: computational biology

3. Publishers in the (not so) far future



- will still create environment in which refereeing process will take place
- will continue to support journals (& journal brands) and guarantee continuity
- will fully address long-term archiving together with leading national libraries (LoC, BL etc.)
- will remain active at integration of information (e.g. journal articles) and disclosure of information