

SpringerLink

Prague

24-26 May 2005



Phil.Dr. Frans Lettenström

SpringerLink Licensing Manager

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SPRINGER

Scientific Publishing

- Original reports of data/theory
- Assert priority
- Paper making technology (China 105)
- Movable-type printing (China 1040)
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- Silver & gold from America (1492-)
- The two first scientific journals (1665)
 - Philosophical Transactions (London)
 - Journal des Savants (Paris)

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OF THE PRESENT
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WORLD.

Vol I.

For *Anno* 1665, and 1666.

In the SAVOY,
Printed by T. N. for John Martyn at the Bell, a little with-
out Temple-Bar, and James Allestry in Duck-Lane,
Printers to the Royal Society.

Presented by the Author May. 30. th 1667.

Scientific Journals

- Acceleration around 1760
- Since then: doubling every 15-20 years
- (Springer from 1842)
- Now over 120.000 journals/report series
- Approx 19.000 peer reviewed
- 1.2M peer reviewed articles/year, by 2000 publishers, read by 12M scientists

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FACTS 1

- 1389 journals
- over 2.500.000 articles
- (approx 80.000 new per year)
- over 20.000.000 downloads yearly
- 200.000.000 hits per month
- over 3500 ebook volumes
- 26 book series
- Landolt-Börnstein database

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FACTS 2

- 8 redundant servers for 24h/365d access
- Back issues to 1997 or 1850 (Vol 1/Issue 1)
- Fulltext in both pdf and html
- Counter compliant statistics
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- Persistent links - OpenURL & CrossRef (doi)
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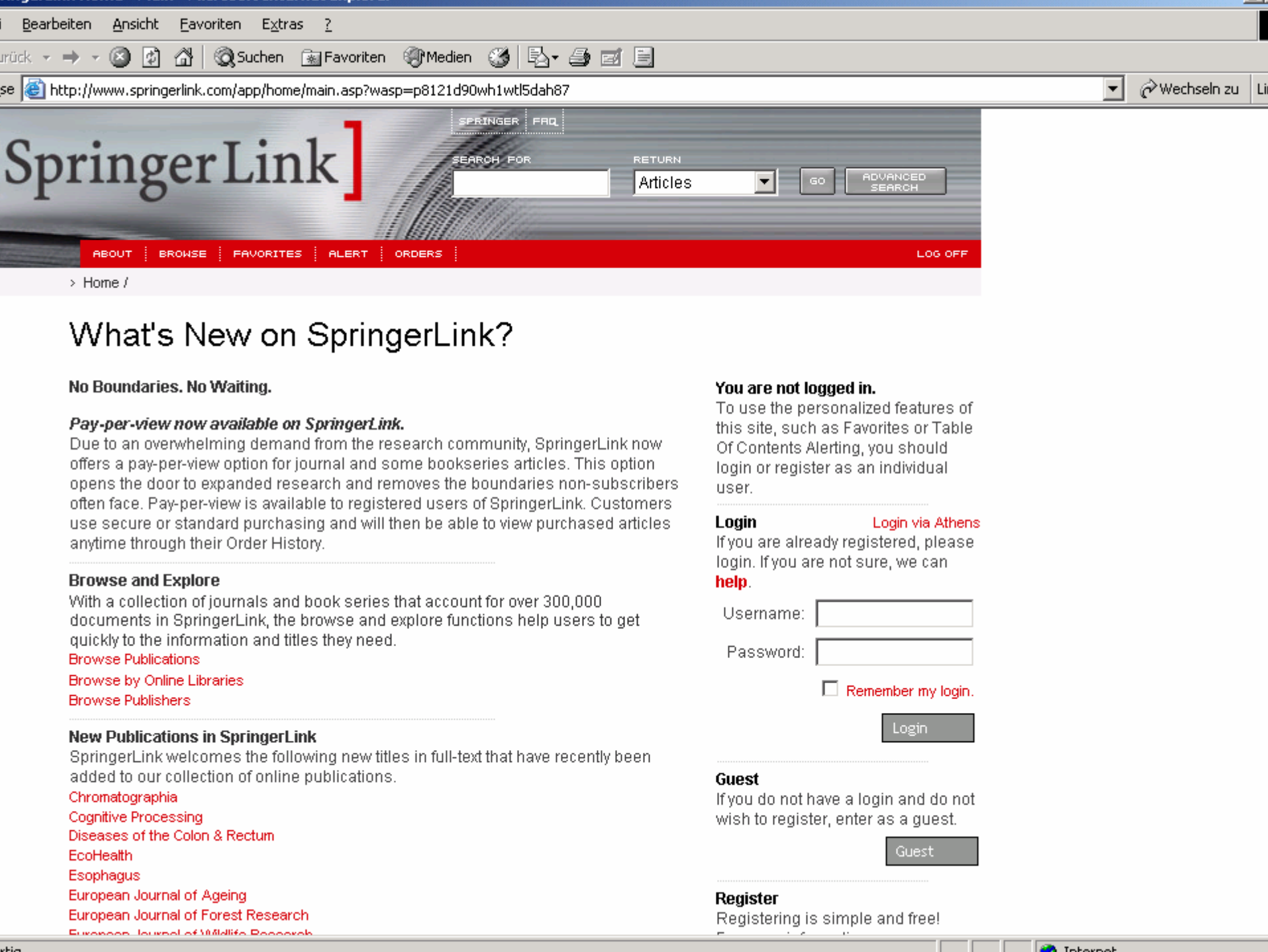
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- Abstracts are free, fulltext sample issues
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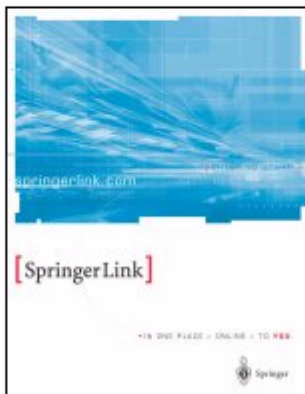
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- Citation by DOI

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- Online Reference Works
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Zentralblatt Math

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- The world's most complete and longest running abstracting and reviewing service in mathematics
- Over 2,4M entries, from over 2300 journals
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journal/book

CrossRef

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- Foundation, 300 publishers, over 300 affiliates/agents/other organisations
- Over 12M records, over 9000 journals
- „Digital switchboard“ to find correct URL of a document (journal, article, abstract, reference list, TOC, etc)
- DOI, digital object identifier
- Resolves DOI into URL
- No dead links
- Linking agreements between providers easy

OpenURL (1)

- library.caltech.edu/openurl
- The „appropriate copy“ problem
- Context-sensitive reference linking
- Open international standard, NISO
- Syntax for packaging metadata & identifiers (DOI, ISSN, etc)
- Syntax for pointing to a user-specific resolver

OpenURL (2)

- Identifier & user information resolved into links
 - Publisher fulltext
 - Aggregator fulltext or abstract
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 - ILL, document delivery
 - Eprint archive, grey literature
 - etc...
 - Determined by needs of local institution / library

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Thank you!

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