

CRISP97

E-First (Publish when ready)

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Moving the Camera

- All PR online - RMP in January
- Title, author, abstract, etc. free and accessible
 - TOC Browsing
 - Linking
 - Bookmarking
- Link Manager
- E-Print
- PROLA
- Mirroring
- Author Services
 - Facilitate SGML
 - RevTeX 4
 - Word
- E-Submission
 - Validate Citation
 - Minor Copy Editing
- Author Status
- Develop new navigation techniques with editorial contribution

- Once an article has been peer reviewed, accepted for publishing, copy edited and author proofed, what else needs to be done for the article to be published?
- The article must be citeable, locatable, accessible and readable.
- In today's, print/paper-based world, these characteristics are accomplished by placing the article in the issue of a journal, positioning the article by subject or topic, identifying the article by page number and locating the article via a table of contents.
- Could we do it faster electronically?
- Yes and break the 'tyranny' of the print process.

Using current technology, it is possible to shorten the cycle considerably by publishing the definitive article, electronically, shortly after acceptance with subsequent traditional packaging in the printed issue of the journal.

- New archival formats for libraries: Print on demand; SGML distributions; central physics database.
- Alternate funding.
- Enhanced research & communication.
- New navigation techniques.
- New revenue opportunities.

The first step is to publish in advance of printing.

- SIAM
- American Chemical Society
- American Physical Society
- American Astrophysical Society
- Columbia University Press
- Journal of High Energy Physics (JHEP)
- Optical Society of America

Items for discussion:

- Identification of the article so that a researcher could cite it.
- Minimization or elimination of confusion between Volume Page citation and any other scheme.
- Preservation and enhancement of navigational capabilities inherent in the paper journal.
- Definition of the definitive article: page image, HTML file, SGML file, ???
- Etc.!