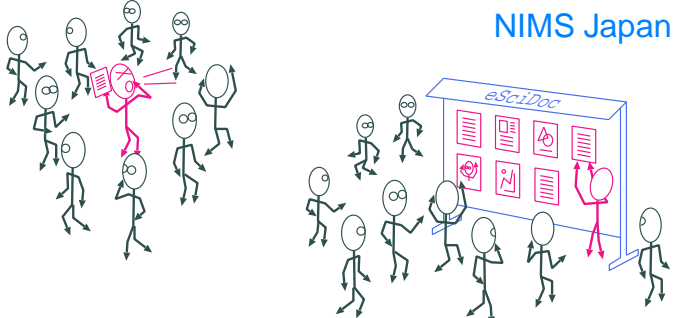


PubMan & Imeji:
Self-archiving platform for
researchers' outreach activities

Shin-ichi TODOROKI
NIMS Japan



Slide 1

Date: 13 Oct (Thu) 2011, 10:30–16:20

Venue: Seminar Room #2, Sengen site, NIMS

Abstract: My outreach activities based on NIMS eSciDoc system (PubMan & Imeji) since Nov. 2008 is presented. Top two downloads during the past three years are postprints submitted for subscription-based peer-reviewed journals. The values of about 1500 must be the result of being accessed by readers beyond my specialty including researchers of social science. In addition, disclosure of research-related video clips on YouTube was effective in attracting non-specialists attention. In order to activate researchers' self-archiving activities, the system should provide them with attractive feedbacks and functions making their daily tasks easy including time-series analysis of download statistics and manuscript writing support.

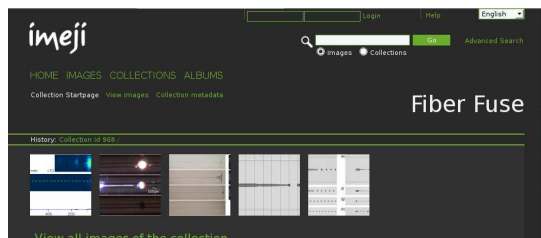
References:

- S. Todoroki: "A researcher's stance on open access", SPARC Japan News Letter, 3, (2009). (translated)
<http://www.nii.ac.jp/sparc/en/publications/newsletter/3/topics1.html>
- S. Todoroki: "Why do I self-archive my articles? Because my readers are there.", Tokyo Women's Medical University Library Seminar No.3 (translated) (2009).
<http://pubman.mpd1.mpg.de/pubman/item/escidoc:135880>

Introduction **My experience**

'08/11/4– PubMan
⇒ Uploaded 114 docs (Eng. 36, Jp. 78)

'10/9/20– Imeji



↑'06/11/29 YouTube

Slide 2

OVERVIEW

Self-archiving platform for researchers' outreach activities

PubMan

What is the return for uploading final drafts?

YouTube

What did I gain beyond self-complacency?

Pros/Cons

What is needed for making the activity sustainable?

Slide 3

PubMan Details of uploaded docs

	Eng. 36	Jp. 78
Journal Article	13	12
Conference Paper	4	6
Talk	12	9
Poster	1	3
Book Chapter	0	3
Series	0	6
Other	6	39

Slide 4

PubMan Uploaded final draft

1457 downloads / 3 years, Large or Small?

Slide 6

PubMan Top 2 downloads of the past 3 years

Appl. Surf. Sci. (2006): 1507 times

Google scholar Blog-based research notebook: personal informatics workbench [検索] Scholar 検索オプション
 ◎ウェブ全体から検索 ◎日本語のページを検索

Scholar 期間指定なし ▼ | 少なくとも要約部分 ▼ | ✕ メールアラートを作成 | 約19件中1 - 10件目 (0.10秒)

ヒント: 日本語のページだけを検索 (Scholar 設定 で検索対象言語を指定できます)

Blog-based research notebook: personal informatics workbench for high-throughput experimentation mpg.de の IPDF | Find@NIMS

S Todoroki, T Konishi... - Applied surface science, 2006 - Elsevier
 In this age of information technology, many researchers are still conservative in keeping a log of their activities in paper-based notebooks. This style of log-keeping brings about the situation that our experimental data and their descriptions are recorded separately into hard disks ...
 引用元: 22 · 関連記事 · 全 8 バージョン

Opt. Lett. (2005): 1457 times

Animation of fiber fuse damage, demonstrating periodic void formation mpg.de の IPDF | Find@NIMS

S Todoroki - Optics letters, 2005 - opticsinfobase.org
 Shin-ichi Todoroki Advanced Materials Laboratory, National Institute for Materials Science, Namiki 1-1, Tsukuba, Ibaraki 305-0044, Japan Received April 15, 2005; revised manuscript received June 1, 2005; accepted June 8, 2005 A series of optical micrographs showing the front ...
 引用元: 13 · 関連記事 · 全 8 バージョン

Slide 5

PubMan Another paper's reputation

Top 25 Hottest Articles
 Chemistry > Applied Surface Science
 January - March 2006

RSS Blog This! Articles in Press Print Show condensed

11. Blog-based research notebook: Personal informatics workbench for high-throughput experimentation
 Applied Surface Science, Volume 252, Issue 7, 1 January 2006, Pages 2640-2645
 Todoroki, S.I.; Konishi, T.; Inoue, S.


11 Blog articles ('05-'08)
 6 citations (ISI WoS)

Slide 7


PubMan

Cited from social science papers


Int. J. Private Law, 2 [4] 459 (2009)

 Introducing the vox populi of the wired world — how 'blogs' are evolving as dynamic web-based social networks

Employee Responsibilities & Rights J., 21 [4] 291 (2009)

 New horizons in CSP and employee/employer relationship: challenges and risks of corporate weblogs

Turkish Online J. Educational Tech., 9 [2] 132 (2010)

 Investigating the usage of blogs in educational settings from multiple intelligences perspective

Slide 8

PubMan

Top 2 downloads of the past 3 years

Appl. Surf. Sci. (2006): 1507 ←attention beyond specialty

Google scholar

Blog-based research notebook: personal informatics workbench

検索 Scholar 検索オプション
 ◎ ウェブ全体から検索 ◎ 日本語のページを検索

Scholar 期間指定なし ▼ | 少なくとも要約部分 ▼ | ✕ メールアラートを作成 | 約19件中1 - 10件目 (0.10 秒)

ヒント: 日本語のページだけを検索 (Scholar 設定 で検索対象言語を指定できます)

[Blog-based research notebook: personal informatics workbench for high-throughput experimentation](#)

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[引用元 22](#) · [関連記事](#) · [全バージョン](#)

mpg.de@IPDFI
Find@NIMS

Opt. Lett. (2005): 1457 ←YouTube?!

[Animation of fiber fuse damage demonstrating periodic void formation](#)

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 Shin-ichi Todoroki Advanced Materials Laboratory, National Institute for Materials Science, Namiki 1-1, Tsukuba, Ibaraki 305-0044, Japan Received April 15, 2005; revised manuscript received June 1, 2005; accepted June 8, 2005 A series of optical micrographs showing the front ...
[引用元 13](#) · [関連記事](#) · [全バージョン](#)

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Find@NIMS

Slide 9

OVERVIEW

Self-archiving platform for researchers' outreach activities

PubMan

Non-subscribers appreciate author's final drafts.

YouTube

What did I gain beyond self-complacency?

Pros/Cons

What is needed for making the activity sustainable?

Slide 10

YouTube

Google video search

Google

fiber fuse

検索オプション

検索 約 248 件 (0.07 秒)

すべて

画像

地図

動画

ニュース

ショッピング

もっと見る

ウェブ全体から検索

日本語のページを検索

再生時間指定なし

4分未満

(3) Propagation **Fiber fuse ignition and propagation**
 In a macroscopic view
 youtube.com
 2006年11月29日 - 41秒 - アップロード元: Tokyo1406
 A phenomenon of light-induced catastrophic destruction of optical fibers for a long distance. It is initiated by spot ...



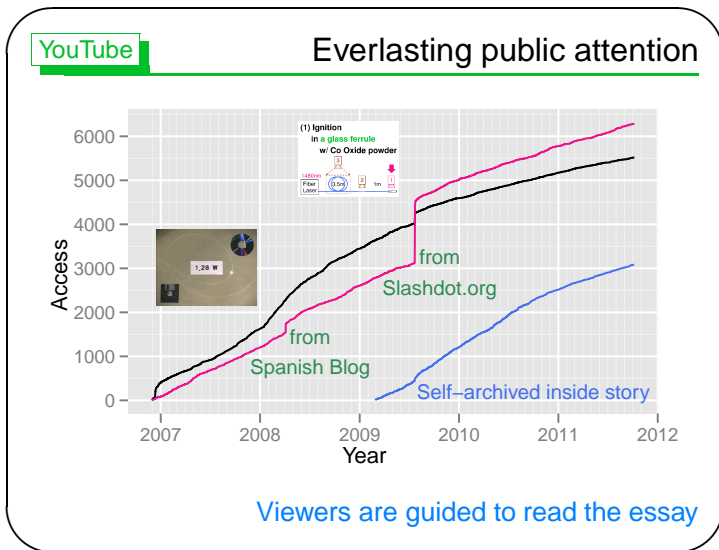
Fiber fuse in the dark
 youtube.com
 2009年12月22日 - 41秒 - アップロード元: Tokyo1406
 You can see how bright fiber fuse is. It ran at 1 m/sec through a plastic-coated optical fiber (outer diameter: 0.9 ...



Fiber fuse self-termination
 youtube.com
 2006年11月29日 - 18秒 - アップロード元: Tokyo1406
 Macroscopic view of an optical discharge running through a single-mode silica fiber when the pump laser power ...



Slide 11



Slide 12

- Expectations on Imeji**
- Build a bridge with PubMan
 - Make the contents Google-searchable
 - Accept movie files
 - Provide URIs for secondary use
 - Automatic sync with local files

Slide 14

YouTube A consulting company's homepage

Home

- > Optipedia
- > Fiber laser basics
- > Fiber characteristics
- > Origin of fiber fuse

since July '09

The top on Google search with "fiber laser"

Slide 13

OVERVIEW

Self-archiving platform for researchers' outreach activities

PubMan

Non-subscribers appreciate author's final drafts.

YouTube

Viewers follow related documents if they are interested.

Pros/Cons

What is needed for making the activity sustainable?

Slide 15

Pros/Cons Authors hate duties / like responses

- Make the service they want to use
- Make the responses visible
- Make their tasks easy

NIMS Researchers DB
SAMURAI



from Wikipedia

Slide 16

Pros/Cons CV-based manuscript writing support

- CV on Web: many choice, no time to try & maintain

NIMS Researchers DB
SAMURAI



researchmap

ResearcherID

- One is enough!

The ultimate convenience:

each item is linked to local manuscript file.

S. Todoroki and T. Konishi: "BibTeX-based manuscript writing support system for researchers", *The Asian Journal of TeX*, **4**, pp. 121-128 (2010).

Slide 17

Pros/Cons Private cooperation with an OA book

"Fiber fuse propagation behavior" in print on Dec. 2011

PubMan URLs for Errata & Jap. trans. on the 1st page

Slide 18

SUMMARY

Self-archiving platform for researchers' outreach activities

PubMan

Non-subscribers appreciate author's final drafts.

YouTube

Viewers follow related documents if they are interested.

Pros/Cons

Provide manuscript writing support & visible feedback

Slide 19