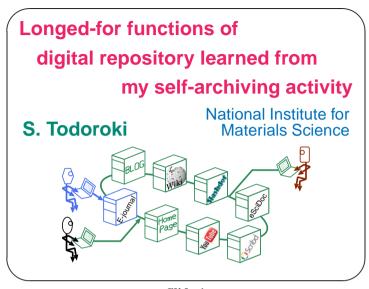
DRFtech-Kyoto ('09/09/07) (1) DRFtech-Kyoto ('09/09/07) (2)



Slide 1

On 22nd July 2009, one of my YouTube video suddenly gained more than 1000 views, a few percents of which was found to visit the related sites of mine. It is my self-archiving activity that enabled to generate this traffic and that has been supported by my informatics workbench for eight years. I request for some new functions to be integrated to digital repository including manuscript writing support system and eScience infrastructure.

http://pubman.mpdl.mpg.de/pubman/item/escidoc:94971

DRFtech-Kyoto:

Workshop of application of Infrastructure for eScience and eResearch 7th Sep. 2009: Library Hall, Kyoto University

Self-introduction

S. Todoroki

- Research on optical fibers (NTT→NIMS)
 - ⇒ Publish them in OA Journals
- Write readings for researchers (in Jap. & Eng.)
 - \Rightarrow Self-archive them at \bigcirc Scribd
- TEXnician, Rubyst, Debian GNU/Linux user
- First tester of e S C I D o C

Slide 2

OVERVIEW

Required functions for digital repository

Happenings

What was going on 47 days ago?

Backstage

How do I manage writing & self-archiving?

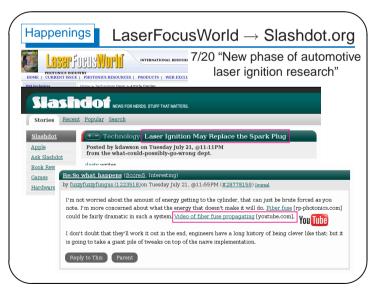
Proposals

What functions do I hope to realize?

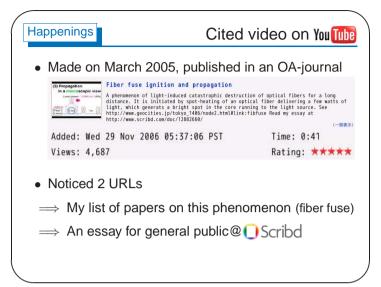
Slide 3



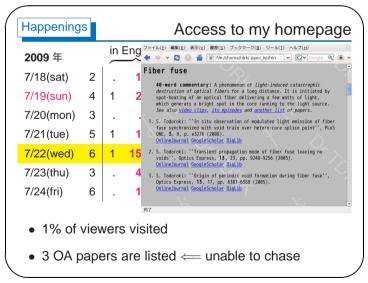
Slide 4



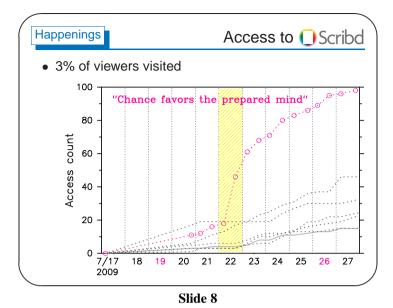
Slide 5

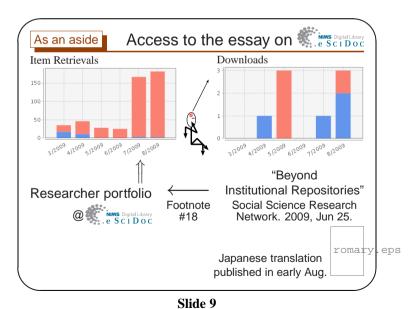


Slide 6



Slide 7





Researcher portfolio

Researcher portfolio

Researcher portfolio pages

Todoroki, Shin-ichi

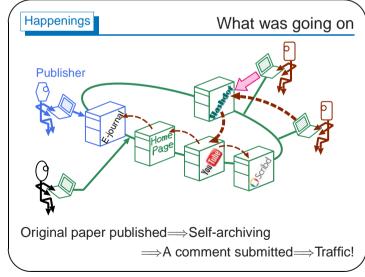
Senior Researcher
Optronic Naterials Center

National Institute for Materials Science

Working on optical fibers being exposed to high power laser beam.
Interested in digital publishing using free software, including writing light essays.

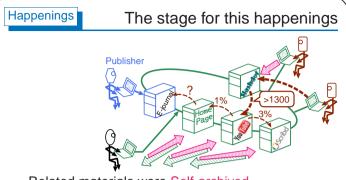
Completed my PhD in engineering at Kyoto University in 1993.

Slide 10



Slide 11

DRFtech-Kyoto ('09/09/07) (7) DRFtech-Kyoto ('09/09/07)



- Related materials were Self-archived.
- Links were placed among them.
- Their access counts were monitored.

Slide 12

OVERVIEW

Required functions for digital repository

Happenings

Nothing self-archive, nothing gain.

Backstage

How do I manage writing & self-archiving?

Proposals

What functions do I hope to realize?

Slide 13

Backstage

How do I manage writing & self-archiving?

- The links to navigate `
- The system to find

↑ are managed with least labor for 8 years

the traffic

Slide 14

Backstage

How do I manage writing & self-archiving?

Daily task

What is the policy to keep the information collected?

Support system

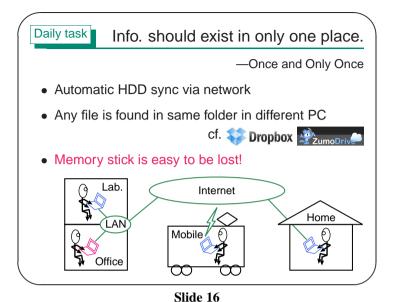
How do I find the past manuscripts quickly?

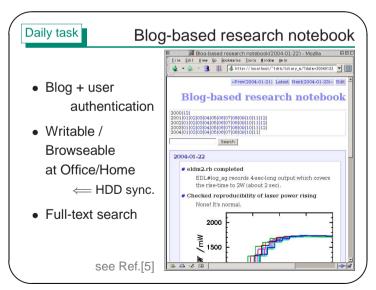
Self-archiving

How do I promote them & get the response w/o labor?

Slide 15

DRFtech-Kyoto ('09/09/07) (9) DRFtech-Kyoto ('09/09/07) (10)

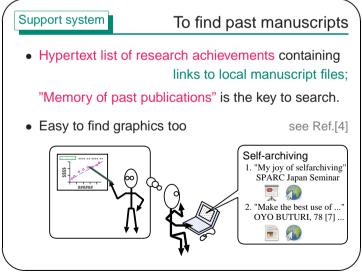




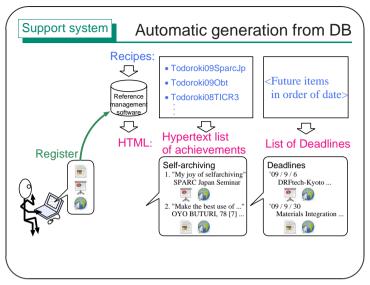
Slide 17

How do I manage writing & self-archiving? Daily task "Once & only once": synchronizing HDDs & e-logbooks Support system How do I find the past manuscripts quickly? Self-archiving How do I promote them & get the response w/o labor?

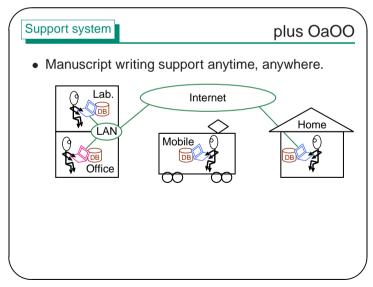
Slide 18



Slide 19



Slide 20



Slide 21

Backstage

How do I manage writing & self-archiving?

Daily task

"Once & only once": synchronizing HDDs & e-logbooks

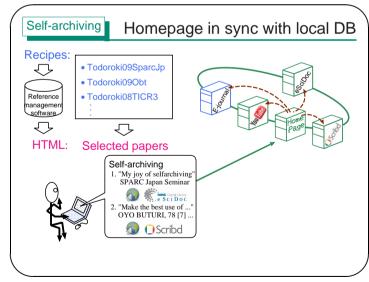
Support system

Publication list w/ links to past manuscripts in HDD

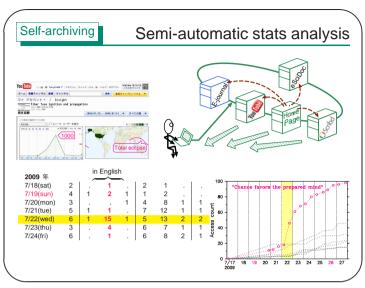
Self-archiving

How do I promote them & get the response w/o labor?

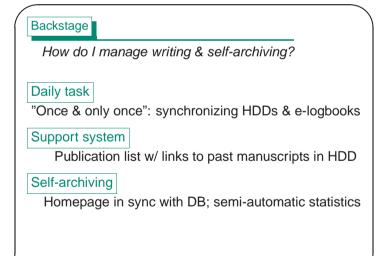
Slide 22



Slide 23



Slide 24



Slide 25

Required functions for digital repository

Happenings

Nothing self-archive, nothing gain.

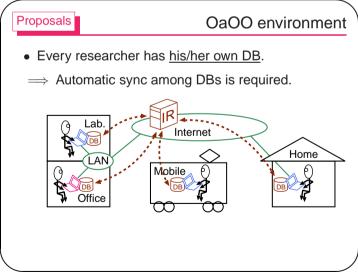
Backstage

IT-supported OaOO infrastructure & publication list

Proposals

What functions do I hope to realize?

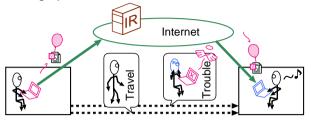
Slide 26



Slide 27

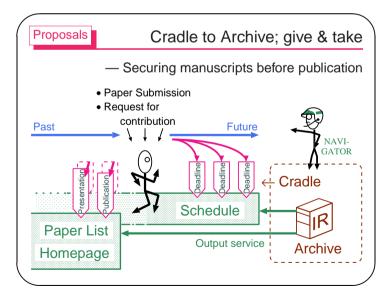
Proposals Automatic sync btw PCs & archive

• Manage paths to the files in PC

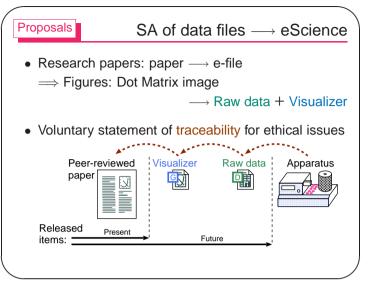


- Retrieve old files through IR
- Version management, Collaborative writing support

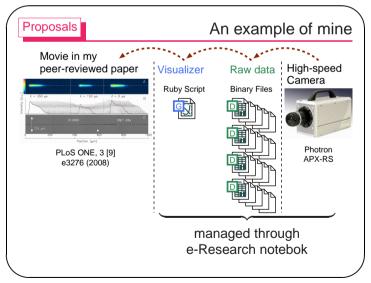
Slide 28



Slide 29

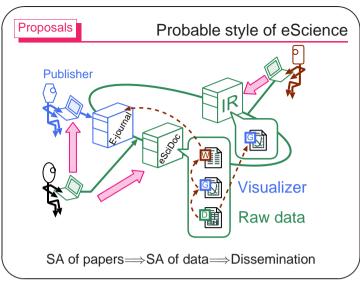


Slide 30

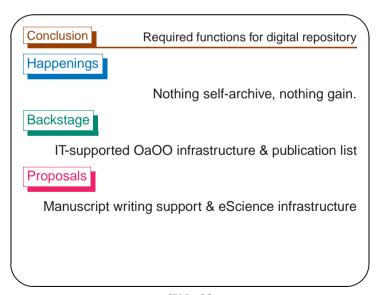


Slide 31

DRFtech-Kyoto ('09/09/07) (17) DRFtech-Kyoto ('09/09/07) (18)



Slide 32



Slide 33

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- 1. S. Todoroki: "Make the best use of your serendipity by inspiring your audience". (Translated from *OYO BUTURI*, **78** [7] pp.668-671, 2009)
- 2. S. Todoroki: "My joy of self-archiving", The 1st SPARC Japan seminar 2009 (Translated handout).
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 (Translated from *Materials Integration*, 21 [12] pp.75-76, 2008)

Slide 34

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- S. Todoroki: "Manuscript writing support system for researchers based on hypertext list of their achievements" (2008). (Translated from *Ceramics Japan*, 42 [7] pp.520-524, 2007)
- S. Todoroki, T. Konishi and S. Inoue: "Blog-based research notebook: personal informatics workbench for high-throughput experimentation", *Appl. Surface Sci.*, 252 [7] pp. 2640-2645 (2006).

Slide 35