

Title: The Future is a Foreign Country: Science Publishing in the 21st Century

Date: Sep 09, 2008 10:00 AM

URL: <http://pirsa.org/08090030>

Abstract: The shift from print to online has already created a revolution in scientific communication, but it is far from complete. Among other effects, it has brought huge opportunities and threats to incumbent publishers. This talk will discuss the imperative for publishers to keep moving forward if they are to maintain their relevance in this new world.

The Future Is A Foreign Country: Publishing in the 21st Century

Timo Hannay
Nature Publishing Group

“The past is a foreign country:
they do things differently there”

“The past is a foreign country:
they do things differently there”

LP Hartley

“The future is here.
It's just not evenly distributed yet.”

Journey to Japan





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B4, we usd 2 go 2 NY 2C my bro, his GF & thr 3 :-@ kds FTF.

ILNY, its gr8.

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Up N, WUCIWUG - 0.

I ws vvv brd in MON.

0 bt baas & ^^^^^.

AAR8, my Ps wr :-) - they sd ICBW, & tht they wr ha-p 4 the pc&qt...

IDTS!!

I wntd 2 go hm ASAP, 2C my M8s again.

2day, I cam bk 2 skool.

I feel v O:-) BC I hv dn all my hm wrk.

Now its BAU ...

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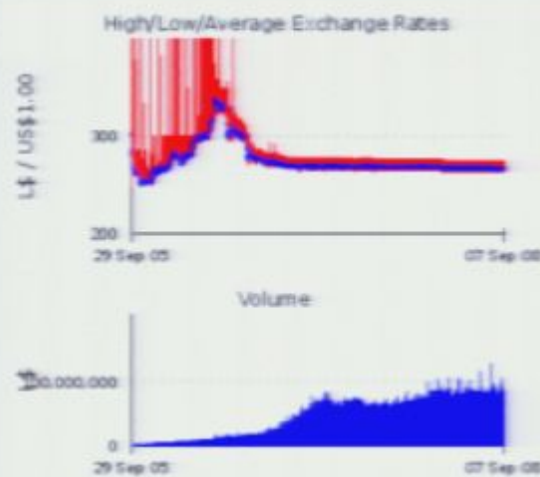
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The Partnership for Research Integrity in Science and Medicine (PRISM) was formed to advocate for policies that ensure the quality, integrity, and economic viability of peer-reviewed journals.

PRISM supports new approaches to access and new economic models that offer choices to suit diverse budgets and needs. Publishers have been at the forefront in testing new models to expand access for subscribers and non-subscribers alike.

PRISM expresses concerns about the unintended consequences of unfunded government mandates and mandatory one-size-fits-all policies that underestimate the complexities and differing needs of the scientific community and scientific journals.

PRISM seeks to educate all stakeholders about the importance of maintaining the integrity of published information, and sustaining the incentives for all publishers to invest in the system of independent publishing that continues to sustain the public's trust in scientific and medical research.

Scholarly publishing is complex, as are the issues surrounding the debate about federally mandated free access. Scholarly publishers themselves are not unanimous in their views on this topic, but all are united in their commitment to the advancement of science and the improvement of life through the wide dissemination of research results.



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“While scientists have gloried in the disruptive effect that the Web is having on publishers and libraries, with many fields strongly pushing open publication models, we are much more resistant to letting it be a disruptive force in the practice of our disciplines.”

Jim Hendler

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scientists can't
even be
bothered to
say "yes"

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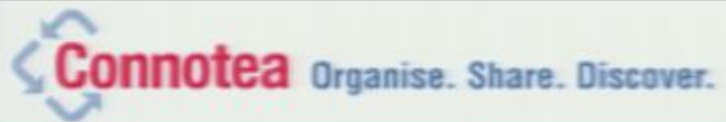
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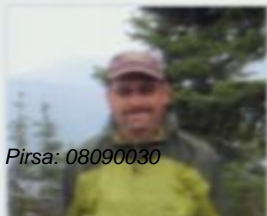
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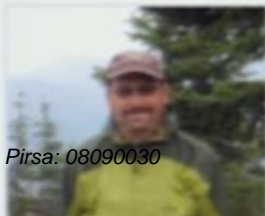
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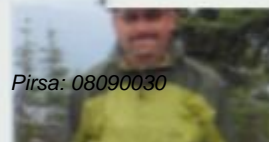
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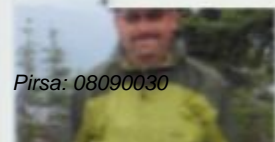
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Biology is an information-driven science. Large-scale data sets from genomics, physiology, population genetics and imaging are driving research at a dizzying rate. Simultaneously, interdisciplinary collaborations among experimental biologists, theorists, statisticians and computer scientists have become the key to making effective use of these data sets. However, too many biologists have trouble accessing and utilizing these electronic data sets and tools effectively. A "cyberinfrastructure" is a combination of databases, network protocols and computational services that brings people, information and computational tools together to perform science in this information-driven world.

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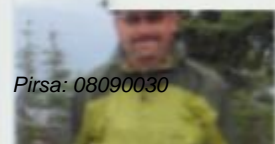
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~~—If we build it they will come—~~

Unless we build it we won't know



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[arXiv.org](#) > [cs](#) > [arXiv:cs/0605112](#)

[Computer Science](#) > [Digital Libraries](#)

An Algorithm to Determine Peer-Reviewers

Marko A. Rodriguez, Johan Bollen

(Submitted on 24 May 2006 (v1), last revised 15 Jul 2008 (this version, v2))

The peer-review process is the most widely accepted certification mechanism for officially accepting the written results of researchers within the scientific community. An essential component of peer-review is the identification of competent referees to review a submitted manuscript. This article presents an algorithm to automatically determine the most appropriate reviewers for a manuscript by way of a co-authorship network data structure and a relative-rank particle-swarm algorithm. This approach is novel in that it is not limited to a pre-selected set of referees, is computationally efficient, requires no human-intervention, and, in some instances, can automatically identify conflict of interest situations. A useful application of this algorithm would be to open commentary peer-review systems because it provides a weighting for each referee with respects to their expertise in the domain of a manuscript. The algorithm is validated using referee bid data from the 2005 Joint Conference on Digital Libraries.

Comments: Rodriguez, M.A., Bollen, J., "An Algorithm to Determine Peer-Reviewers", Conference on Information and Knowledge Management, in press, ACM, LA-UR-06-2261, October 2008
Subjects: [Digital Libraries \(cs.DL\)](#); [Artificial Intelligence \(cs.AI\)](#); [Data Structures and Algorithms \(cs.DS\)](#)
ACM classes: [H.3.7](#); [H.3.3](#)
Report number: LA-UR-06-2261
arXiv: [arXiv:cs/0605112v2 \[cs.DL\]](#)



act.1 『 pair with 』

1.

「振られたってね、彼のことは好きでいたいのに」

「ふーん」

「だってそうでしょう？こ・ん・な・こ・と・でわたしの想いが変わっちゃうなんてあり得ないもの」

「へえ」

「わたしが彼を好きだった今までの気持ちは絶対うそじゃない」

「そう」

「振られたくらいでコロッと変わるような気持ちじゃないの」

「ふーん」

「世間ではさ、振られたら相手のこと嫌いになったり恨んだりするじゃない。そんなの絶対おかしいよ」

「へえ」

「振られたくらいで嫌いになるなんて恋人のことぜんぜん好きじゃなかった証拠。そんなの別れて当然だよ」

The Fall of the House of Usher: 7,000 words

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The Fall of the House of Usher: 7,000 words
Sailing to Byzantium: 230 words

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The Fall of the House of Usher: 7,000 words
Sailing to Byzantium: 230 words
Hemingway: “For Sale: Baby shoes, never worn.”

- Learn the language(s)
- Respect new cultural norms
- Suppress any sense of entitlement
- Work hard
- Listen, learn, adapt

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- Learn the language(s)
- Respect new cultural norms
- Suppress any sense of entitlement
- Work hard

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Slides

- 1 The History of Foreign Investment in Japan
- 2 The History of Foreign Investment in Japan
- 3 Journey to Japan
- 4
- 5
- 6
- 7
- 8

- Learn the language(s)
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- Work hard

100%

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Slides

1 The Future Is A Foreign Country
Publishing in the 21st Century

2

3 Journey to Japan

4

5

6

7

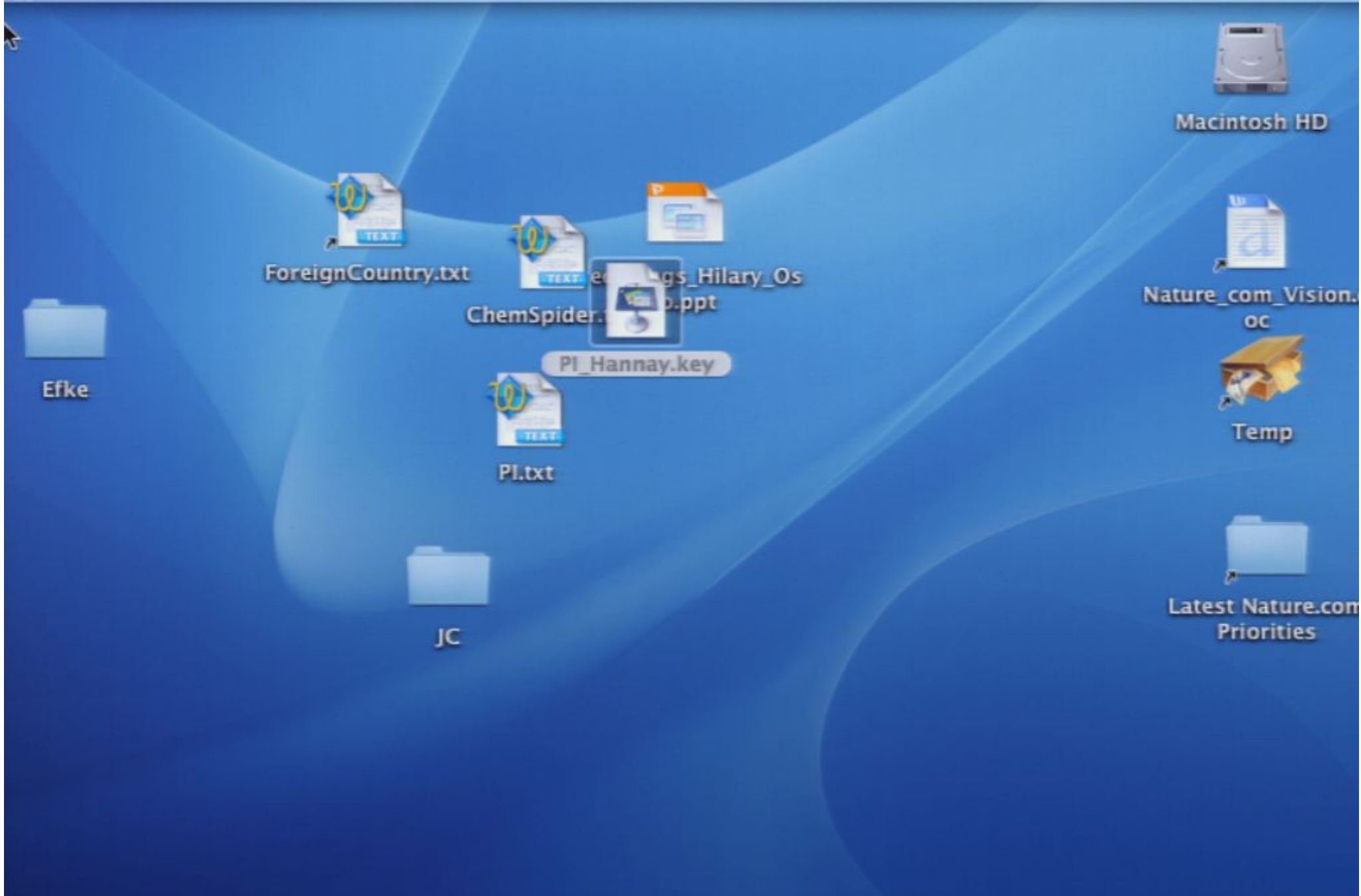
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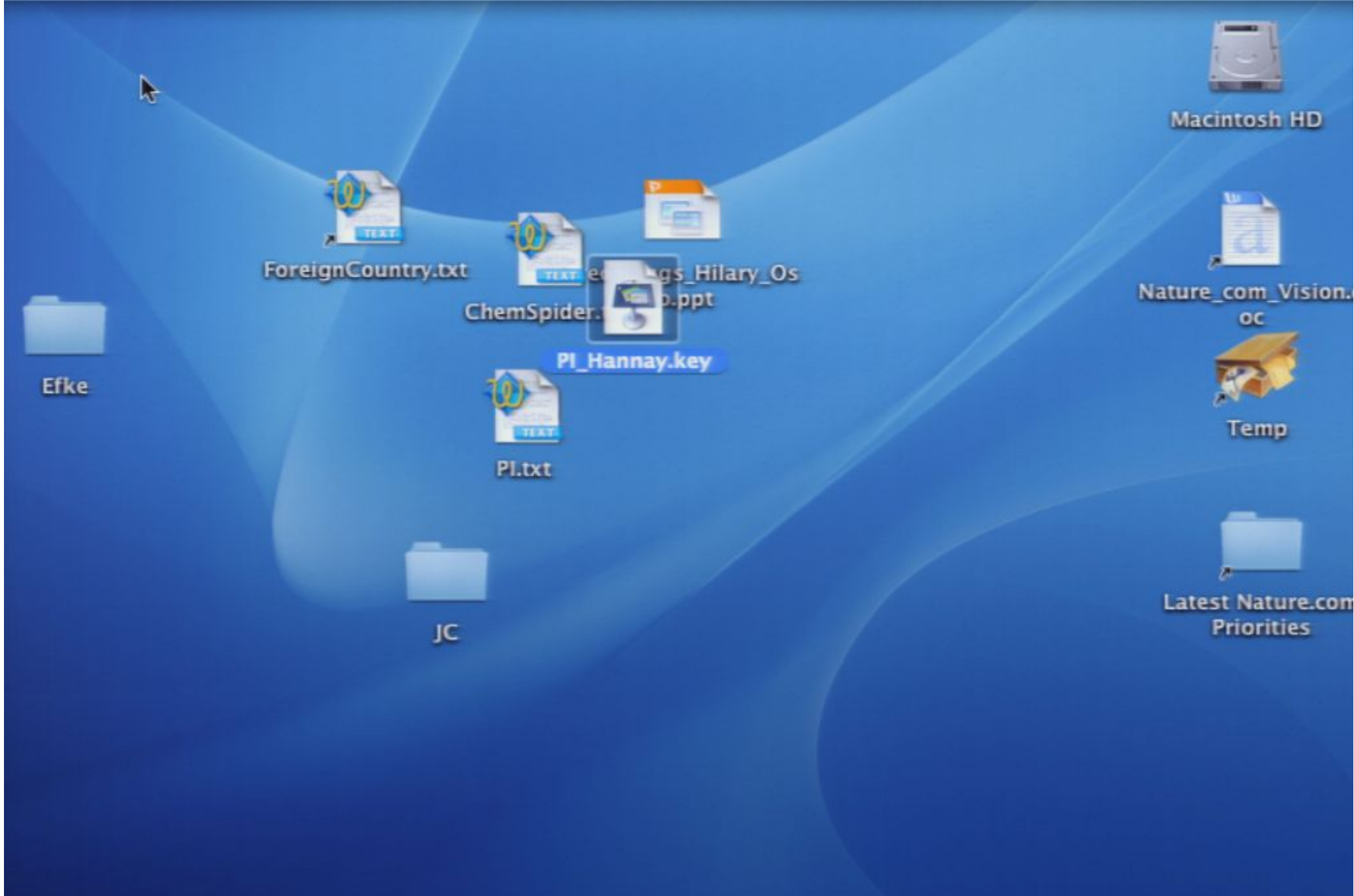
The Future Is A Foreign Country

Publishing in the 21st Century

Timo Hannay
Nature Publishing Group

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