



Library

# Web 2.0, Web 3.0 - Where will CERN Library go?

Patrick Danowski  
Emerging Technologies Librarian



Library

# Outline

- Hot Topics
- Some Projects we are working on
  - Facebook
  - Social Acquisition Tool
  - Open Bibliographic Data



Library

# Web 2.0



Library

# Web 2.0

- interactive



Library

# Web 2.0

- interactive
- user centric



Library

# Web 2.0

- interactive
- user centric
- linking of persons



Library

# Web 2.0

- interactive
- user centric
- linking of persons
- Blogs, Wikis, Social Bookmarking, Social Networking ...



Library

# Semantic Web

- Idea: 1999
- Machine-readable expression of semantic
- Ontologies, Resource Description Framework, ...





Library

# Web 3.0

- social semantic web
- combination of web 2.0 and semantic web technologies



Library

# Emerging Technologies

- New Online Technics / Standards
- New Tools (Online / Online)
- Development in Library World
- Collecting Innovative Ideas



Library

# Hot Topics

- Social Networks
- Mobil Devices
- Twitter
- Open Data
- Web 3.0 / Semantic Web
- Linked Data



# Library

- Social Acquisition System
- Facebook Page
- RSS Feed displayed for the iPhone
- Open Bibliographic Data
- Linked Data



- Better Integration of eBooks into Search Results
- Library as Space
- RSS Aggregator





Library

# CERN Library@ Facebook



Seite bearbeiten

Werbeanzeige für Seite schalten

Fanfeld zu deiner Seite hinzufügen

▼ Mehr

Always Access. Open  
24/7/365, Really!

Free scan2mail, copy and  
printing facilities

Loan periods 1-4 weeks  
depending on the material  
type

Terminals without login

PCs where you can login to  
your personal workspace

## CERN Library

Pinnwand

Info

Diskussionen

Fotos

Felder

Veranstaltungen



Was machst du gerade?

Anhängen: ▼

Teilen

CERN Library

Nur Fans

⚙ Einstellungen



### CERN Library Presentation is in French

A travers une quinzaine d'ouvrages, principalement des romans, Denis Guedj nous conforte dans l'idée que science et littérature, loin d'être opposées, peuvent composer de belles histoires VRAIES. La fiction ne ...Mehr lesen ▼

#### Rencontre avec l'auteur Denis Guedj

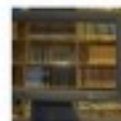
Literature in Focus

Zeit: Mittwoch, 7. Oktober 2009 16:00

Ort: CERN, Bibliotheque,



02. Oktober um 11:52 · Kommentieren · Gefällt mir · Teilen · Zusagen/Absagen



### CERN Library More information will follow....

#### CERN Computing Book Fair 2009

Zeit: Donnerstag, 3. September 2009 08:00





Anke Verena Meyer



Patrick O'Grady



Rafi Tasnim Rahman



Benedikt Hummel



Rudolf Mumenthaler



Gregory Cole

Extended Info

Search Books and Proceedings of the Library:

Send

Poll

Umfrage 1 von 2

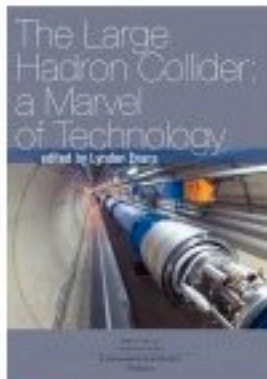
Zeige alle

Which are upcoming Trends CERN Library should care about?

- Mobile Webpages
- iPhone Applications
- Scientific Blogs
- Twitter
- Open Data



**CERN Library** Inside an insulating vacuum chamber in a tunnel about 100 meters below the surface of the Franco-Swiss plain near Geneva, packets of protons whirl around the 27-km circumference of the Large Hadron Collider (LHC) at a speed close to that of light, co...[Mehr lesen](#) v



Literature in Focus

"The Large Hadron Collider: A Marvel of Technology" ed. by Lyn Evans, EPFL Press, 2009

Zeit: Dienstag, 28. Juli 2009 15:30

Ort: CERN Main Auditorium

28. Juli um 09:20 · [Kommentieren](#) · [Gefällt mir](#) · [Teilen](#)



**CERN Library** Summer students: What would you like to learn from the library? If you are a Summer Student 2009 take part in our new poll!

03. Juli um 15:10 · [Kommentieren](#) · [Gefällt mir](#)



**CERN Library** If you want know what is SCOAP3 about, watch this recorded webcast with Dr. Salvatore Mele, Head of Open Access at CERN and spokesperson for SCOAP3

[Entfernen](#)



[SCOAP3: An opportunity to create change | SPARC videos on blip](#)

Quelle: blip.tv

In follow up to the recent release of a new set of Frequently Asked Questions on the SCOAP3 initiative, SPARC and ACRL are pleased to host Dr.

03. Juli um 15:09 · [Kommentieren](#) · [Gefällt mir](#) · [Teilen](#)



**CERN Library** We added polls now, too. See the right site under our fans and the search box. First poll: What do you like about the library?

29. Mai um 10:14 · [Kommentieren](#) · [Gefällt mir](#)

# Social Acquisition System





**LEP - The Lord of the Collider Rings at CERN 1980-2000**  
The Making, Operation and Legacy of the World's Largest Scientific Instrument  
**Schopper, Herwig**  
2009, XII, 211 p. 84 illus., 51 in color., Hardcover  
ISBN: 978-3-540-89300-4

Statt: ~~EUR 42,75~~

Jetzt: **EUR 36,99**

Back

Order on Amazon

View on Google

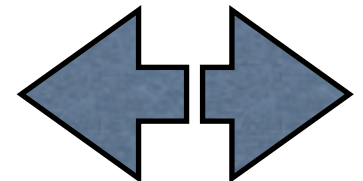
## Known Reviews

Amazon (0)

Library Thing (0)

Google Books (0)

Revisi (0)





### Rating

☆☆☆

#### Bulk Nuclear Properties

Proceedings of the Fifth ANL/MSU/JINA/INT FRIB Workshop  
East Lansing, Michigan, 19-22 November 2008

Series: [AIP Conference Proceedings](#)

Subseries: [High Energy Physics](#) , Vol. 1128

Danielewicz, Pawel (Ed.)

2009, 230 p., Softcover

ISBN: 978-0-7354-0664-3

Submit Comment



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#### Flavor in the Era of the LHC

Reports of the CERN Working Groups

Series: [Advances in the Physics of Particles and Nuclei](#) , Vol. 29

Fielscher, Robert; Hurth, T.; Mangano, Michelangelo (Eds.)

Reprinted from "The European Physical Journal C" Volume 57, 1-2, 1-492, 2008

2009, XVIII, 480 p., Hardcover

ISBN: 978-3-540-95941-0

Submit Comment



#### Particles and Nuclei

An Introduction to the Physical Concepts

Povh, B., Rith, K., Scholz, C., Zetsche, F.

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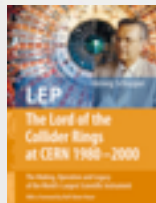
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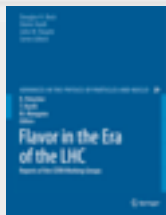
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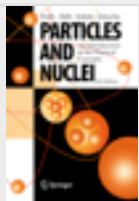
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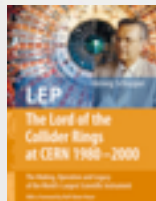
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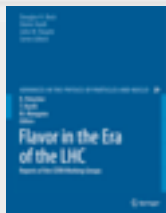
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# Mobil Devices



Will you use the mobil  
internet daily, soon?

41 %  
Europeans

Source: Nielsen/ Tellabs Study 2009

71 %  
Americans

Source: Nielsen/ Tellabs Study 2009

2013:  
1/3 of all mobilphone  
user will use the mobil  
internet

Source: Forrester Study 2008

- Presentation of new Books in the Library Feed for the iPhone

<http://cern.ch/test-rssiphone>

# Open Data



Library

# Open Bibliographic Data

- Open Access
- Open Data
- The next step
- The whole library catalog for download and reuse



Library

# Interested Projects

- Open Library Project
- [biblios.net](http://biblios.net)





Library

# Upcoming Topics

- Library as Space
- Bibliographic Data in the Semantic Web



Library

# Where do we go?



Library

# Where do we go?

- Use of web 2.0 tool



Library

# Where do we go?

- Use of web 2.0 tool
- Try out some ideas in the semantic web



Library

# Where do we go?

- Use of web 2.0 tool
- Try out some ideas in the semantic web
- Don't forget the real library



Library

# Where do we go?

- Use of web 2.0 tool
- Try out some ideas in the semantic web
- Don't forget the real library
- Everything is getting digital / mobil

- A innovative place needs a innovative Library

- A innovative place needs a innovative Library
- A innovative library helps to create a innovative and creative space for scientists



# Innovation is our goal

in science and in the library



Library