



The new  
**Rolex Learning Center**  
at

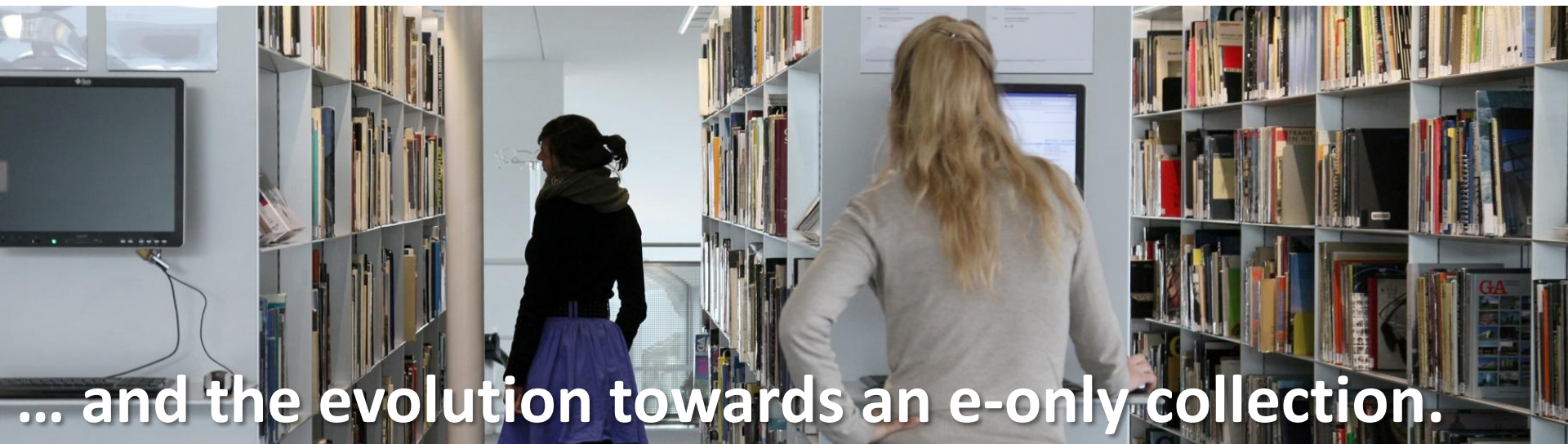


A new building for  
a new vision in « collection development »

[Thomas Guignard@epfl.ch](mailto:Thomas.Guignard@epfl.ch)  
Head of Collection Development  
and Academic Support, EPFL Library

12th Fiesole Collection Development Retreat  
Leuven, April 10, 2010

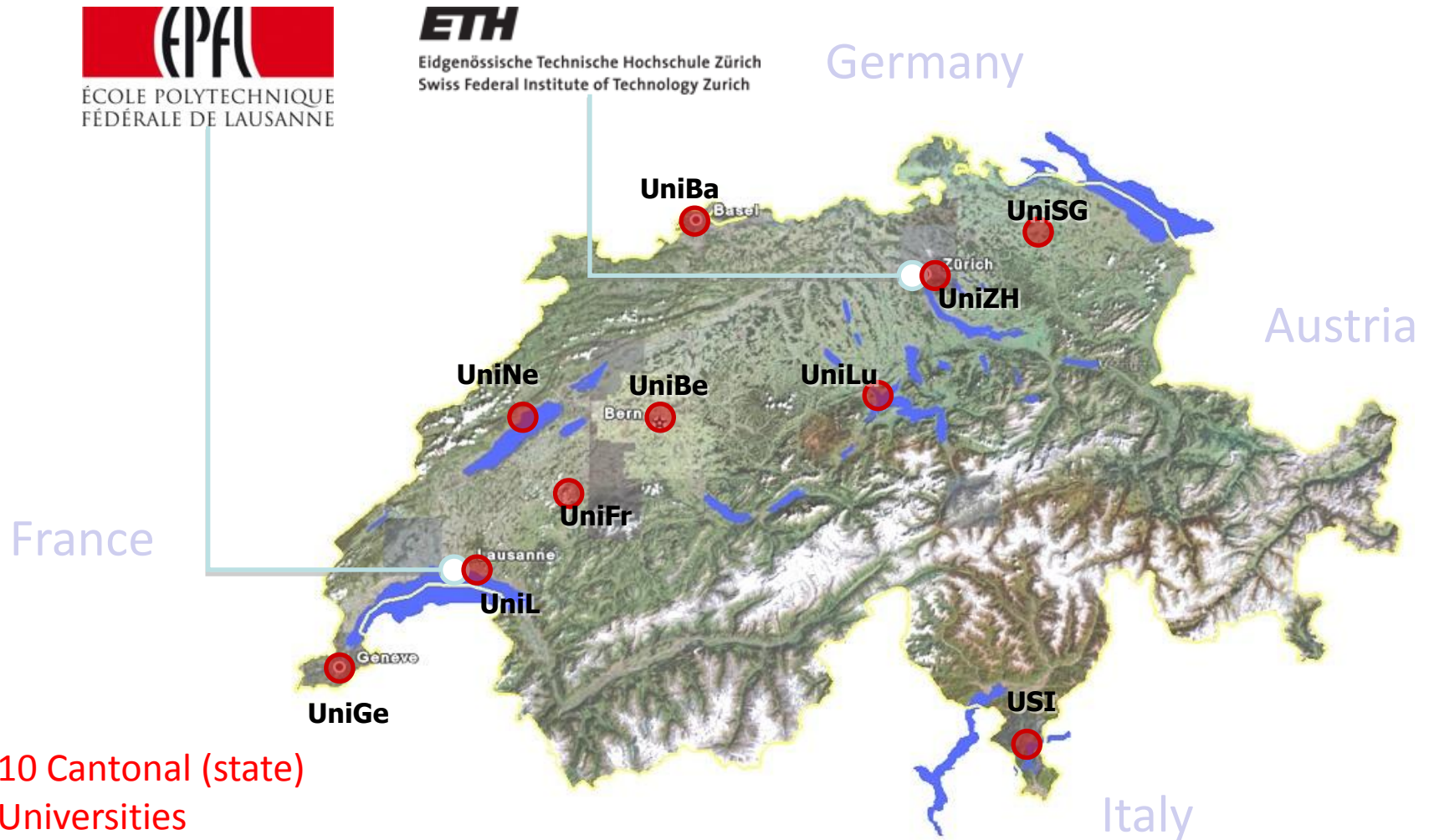
# Contents





# Who we are

## 2 Swiss Federal Institutes of Technology

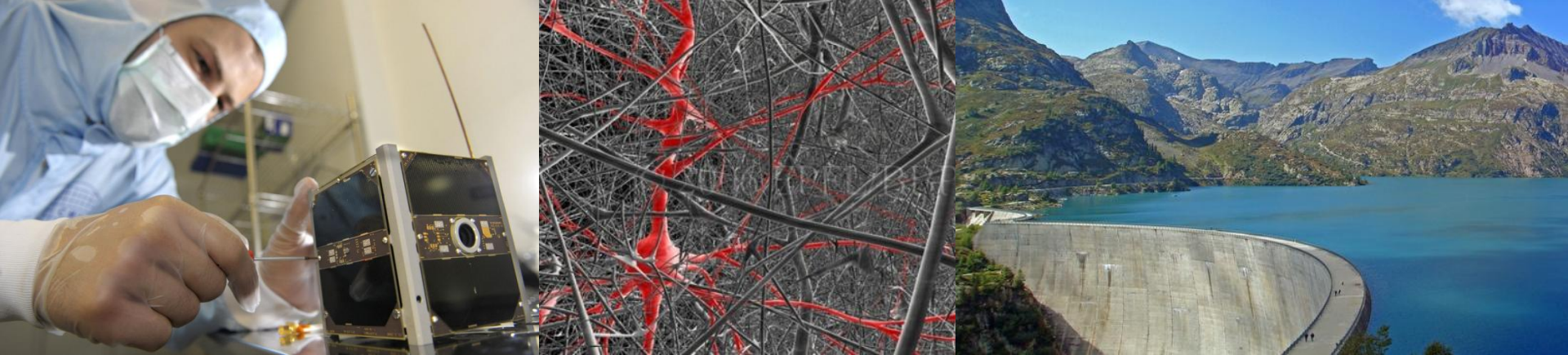


10 Cantonal (state)  
Universities

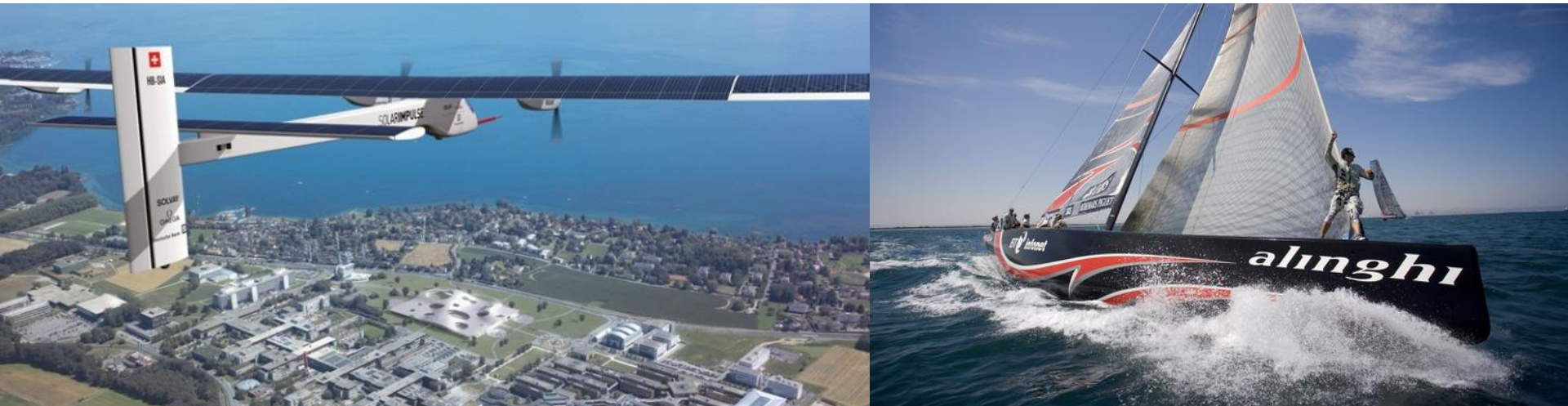
+ several local institutes of higher learning (HES)

# A local campus... gone global !

5'000 Ba+Ma students – 1'600 PhDs – 270 professors – 3'500 staff



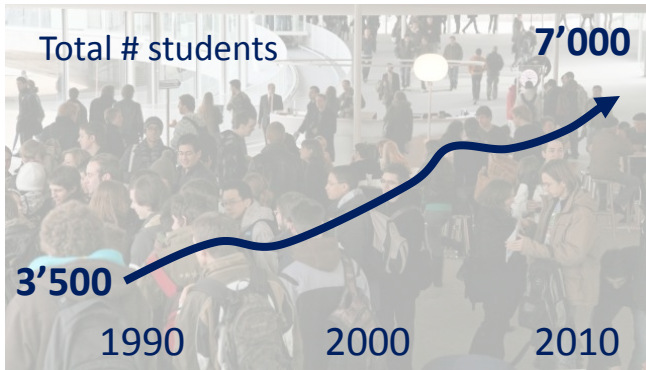
112 nationalities – 60% faculty from abroad – 40% foreign students



300 M€ funding + 100 M€ grants & contracts



# An ever-expanding campus



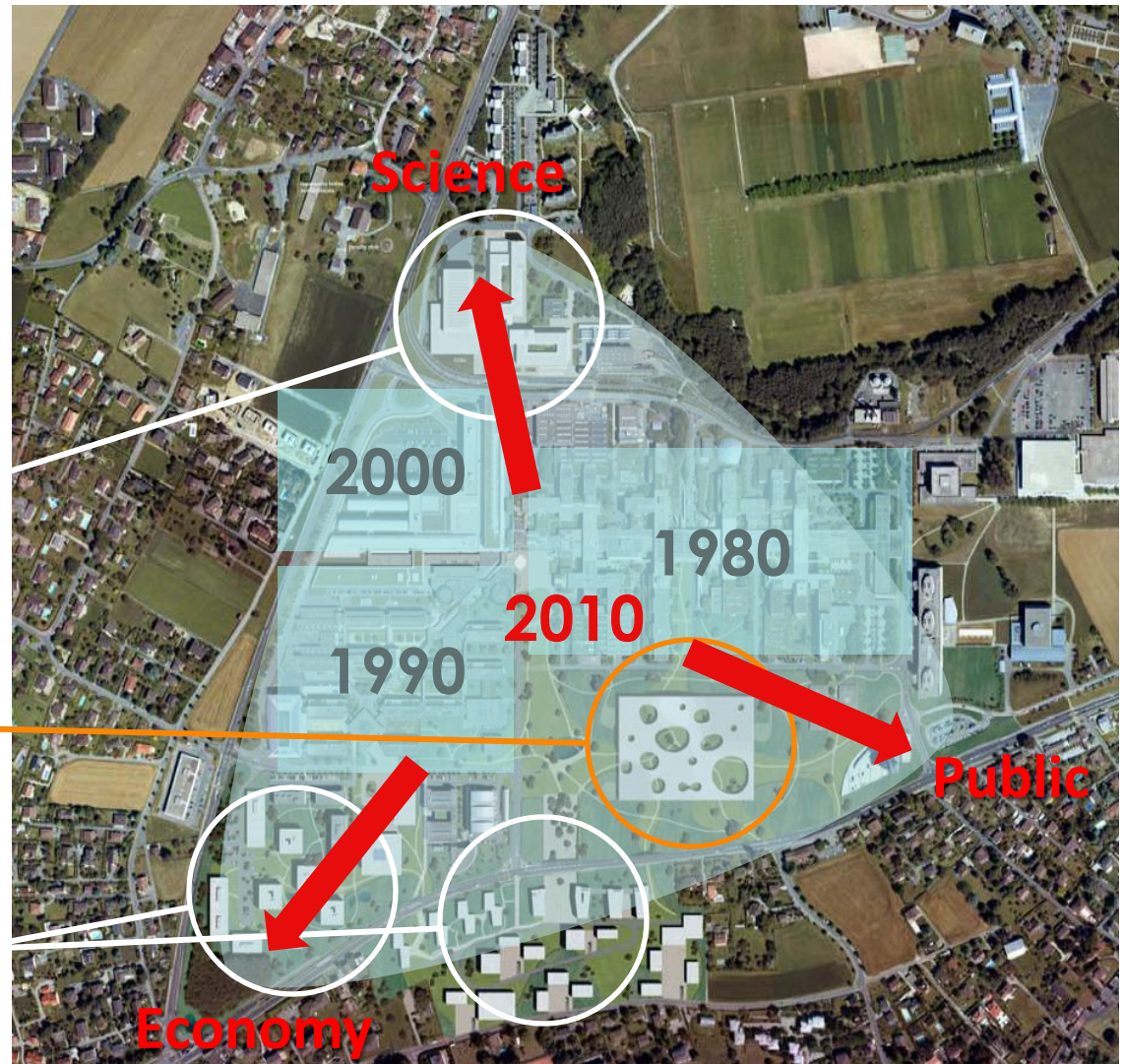
Conference centre (2012)



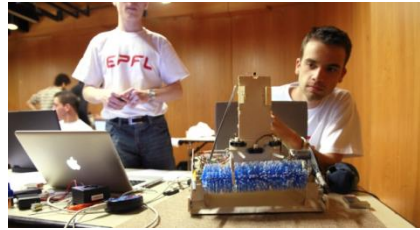
Rolex Learning Center (2010)



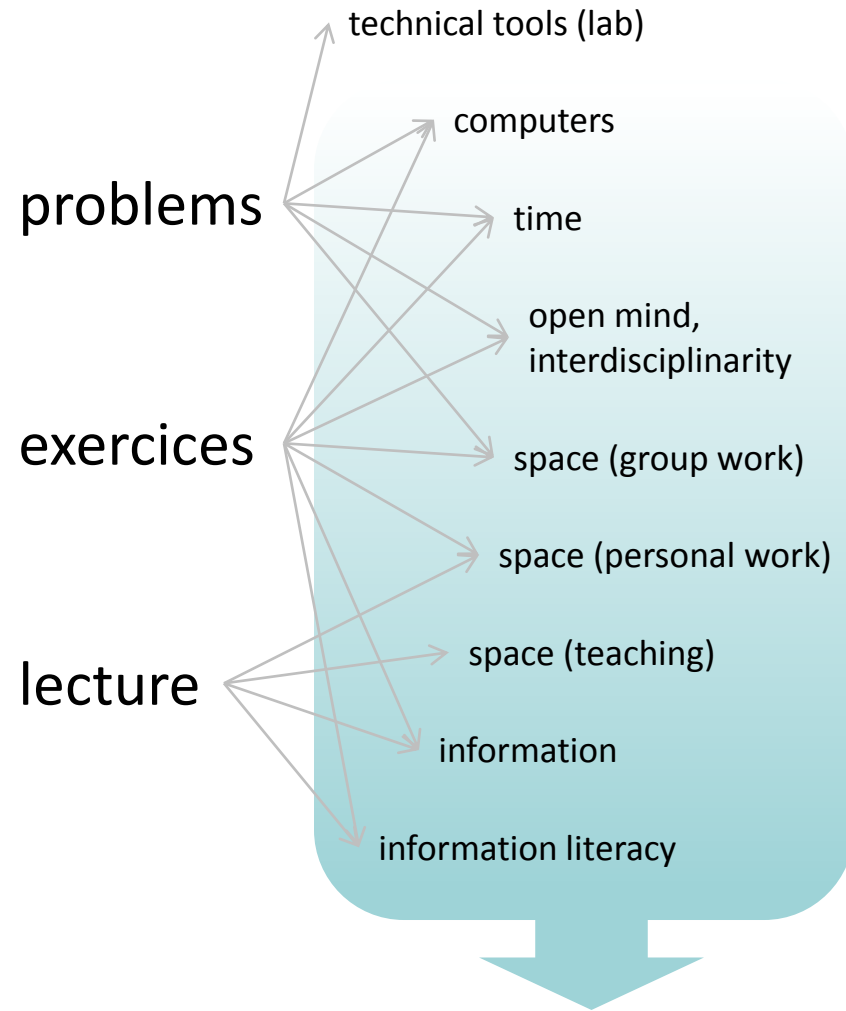
Business centre, hotel, housing...



# Teaching models evolve: the Bologna Equation



1 credit =  
30 hours student work



Learning Center



# Libraries evolve: Learning Centres, Information Commons ...

**Sheffield Hallam University**  
SHARPENS YOUR THINKING

Home Courses University Sheffield News Events Service

**Learning centres**

We have a learning centre each can choice of study spaces for individual learning. You can book group study/ in advance. There's also somewhere and take a break from your studies.

In our learning centres you'll be able to:

- academic library resources
- electronic information resources

**Our Services**

- Support Services
- The Base

- Search this site
- Contacts & Maps
- University Prospectus

**The University Of Sheffield**

Information Commons

Study at Sheffield For Current Students For Staff Our Research Departments & Services Useful Links News & Events

You are here: Home / Departments / Information Commons / Visitors

Home Information for Student Information for Staff Information for Visitors News and Events

What do you think of new site? Updated Ju

**Faciliteiten**

- Centraal Informatie Centrum
- hogeschoolkrant Punt
- restaurant
- Xplora
- boeken/dictaten
- computers
- Eduroam draadloos internet
- werkplekken
- winkel
- begeleiding
- studen met functiebeperking
- aankomende studenten

> Avans Hogeschool, HBO Opleidingen > Opleidingen > Faciliteiten > Xplora

**Xplora**

Xplora is een onderdeel van het eigentijdse onderwijsconcept van Avans Hogeschool. Het ontwikkelen van competenties staat daarbij centraal. Daarom biedt Xplora de student moderne faciliteiten, zoals:

- supersnelle pc's met toegang tot: hogeschoolnetwerk (ook draadloos), applicaties, elektronische leeromgeving (blackboard) en internet
- werkplekken (reserveerbaar via een online reserveersysteem): individueel, groepen, vergaderruimten, stilteplekken, voorzieningen voor mindervaliden
- informatie: fysiek (boeken, tijdschriften, cd-roms etc.) en digitaal (internet en speciale databanken)
- multimedievoorzieningen, zoals o.a. een televisie-opnamestudio
- randvoorzieningen: kopieerapparaten, plotters, scanners, printers, whiteboards, smartboards etc.
- ontmoetingsplekken: aantrekkelijke gebouwen met leestafels, meeting points, koffiecorners en een internetcafé

**Xplora**

## Transforming learning experiences

Embedding technology into learning and teaching spaces is likely to be an evolutionary process rather than a revolutionary one.

Considering technological requirements at the early stages of planning will ensure that maximum benefit can be obtained from the investment.

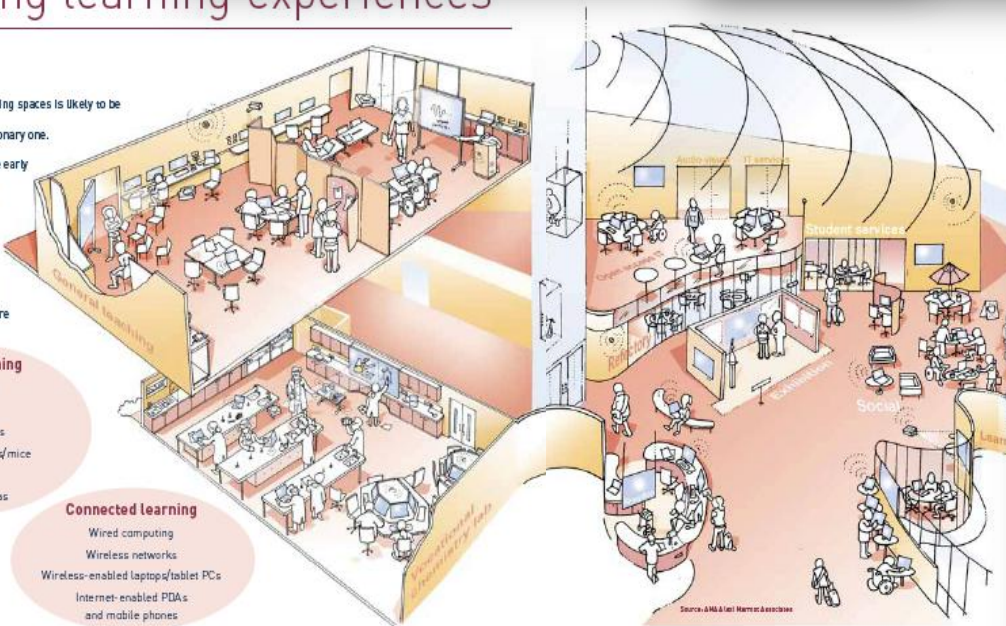
Start by establishing your pedagogic aims, then review the design and the technological infrastructure in the whole institution, to ensure that your aims can be achieved.

### Mobile learning

- Tablet PCs
- Laptops
- Mobile phones
- Wireless keyboard/mice
- PDA's
- Digital cameras

### Connected learning

- Wired computing
- Wireless networks
- Wireless-enabled laptop/tablet PCs
- Internet-enabled PDA's and mobile phones



### Visual and interactive learning

- Video conferencing
- Video streaming
- Image projection
- Interactive whiteboards
- Voting devices

### Supported learning

- Assistive technologies
- Accessible USB ports
- Audio-visual prompts
- Video recording facilities

**JISC**

**Designing Spaces for Effective Learning**  
A guide to 21st century learning space design

# Functional Program

teaching space

working space  
(830 seats)

## LIBRARY

Collections  
Ma + research level

Collections  
Ba + general public

library offices

main desk

space for  
group work

newspapers

rare books



# Functional Program

teaching space

student + alumni  
associations

career centre

bookshop

bank

newspapers

working space  
(830 seats)

## LIBRARY

main desk

Collections  
Ba + general public

rare books

Collections  
Ma + research level

library offices

## OFFICES

PPUR  
EPFL Press

CRAFT

space for  
group work

## SERVICES

# Functional Program

teaching space

student + alumni  
associations

career centre

bookshop

bank

newspapers

café

self-service restaurant

working space  
(830 seats)

## LIBRARY

main desk

Collections  
Ba + general public

rare books

## CATERING

restaurant

Collections  
Ma + research level

library offices

## OFFICES

PPUR  
EPFL Press

CRAFT

space for  
group work



# Functional Program

teaching space

student + alumni  
associations

career centre

bookshop

bank

**MULTI-PURPOSE  
HALL**

working space  
(830 seats)

## **LIBRARY**

**MAIN  
ENTRANCE**

welcome desk

newspapers

café

## **CATERING**

self-service restaurant

main desk

Collections  
Ba + general public

rare books

exhibitions

restaurant

Collections  
Ma + research level

library offices

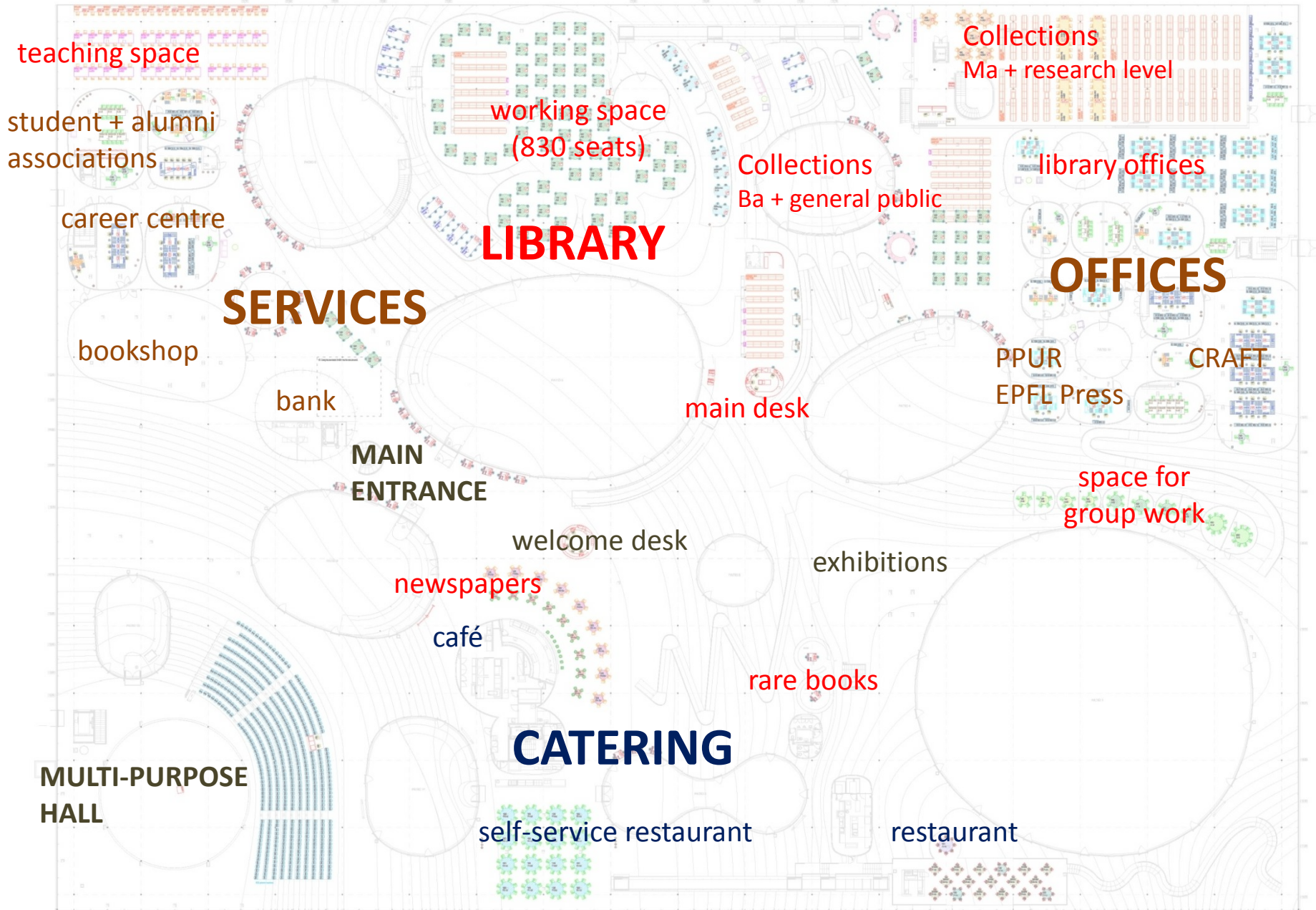
## **OFFICES**

PPUR  
EPFL Press

CRAFT

space for  
group work

# Map of the Rolex Learning Center



+ underground : movable stacks, parking, storage...

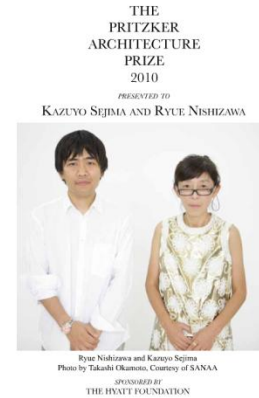


# A building in 3D





# An architectural landmark



Japanese architects – Swiss know-how – a civil engineering challenge





# Living space



Open 7/7, 7:00-24:00 – 3 restaurants – 1 bookshop – 1 bank ...



# Working space(s)



15'000 m<sup>2</sup> – 830 seats – silent zone – quiet zone – group work





# Working space(s)



WiFi access – printers – scanners – copiers – laptops on loan ...





# Library services



Library open 7/7 – professional advice 8:00-20:00 weekdays





# Collections



500'000 documents – 11'000 e-journals – 20'000 e-books ...



# Towards e-only: we're **\*almost\*** there (for journals)



**magazines**

current edition: **paper**  
archives: **online**  
(+ 1 year paper in some cases)



**scholarly journals**

current edition  
+ archives:  
**online only**  
in mathematics:  
**paper + online**



**newspapers**

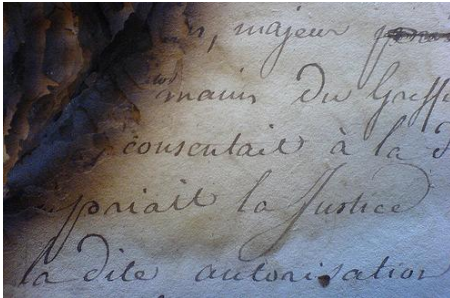
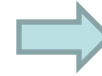
current edition: **paper**  
archives: **online only**



# Why are we still using paper ?



comfort



conservation



(inter-) national  
conservation plans

**long-term** digital  
preservation



licensing oddities  
paper-only titles



# Acquisition models evolve



selection of  
**content**



selection of  
**access**



# Acquisition models evolve



**just-in-case**  
model

(accumulation  
of resources)



**just-in-time**  
model

(delivery of  
resources)



# Just-in-time delivery at EPFL

paper

**core collection**



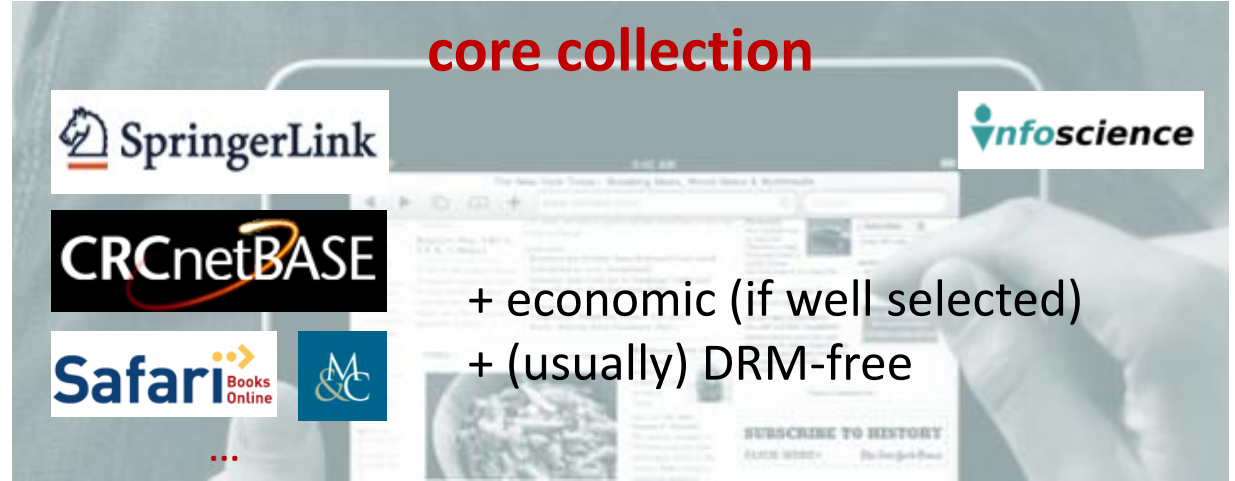
+

**on demand**



electronic

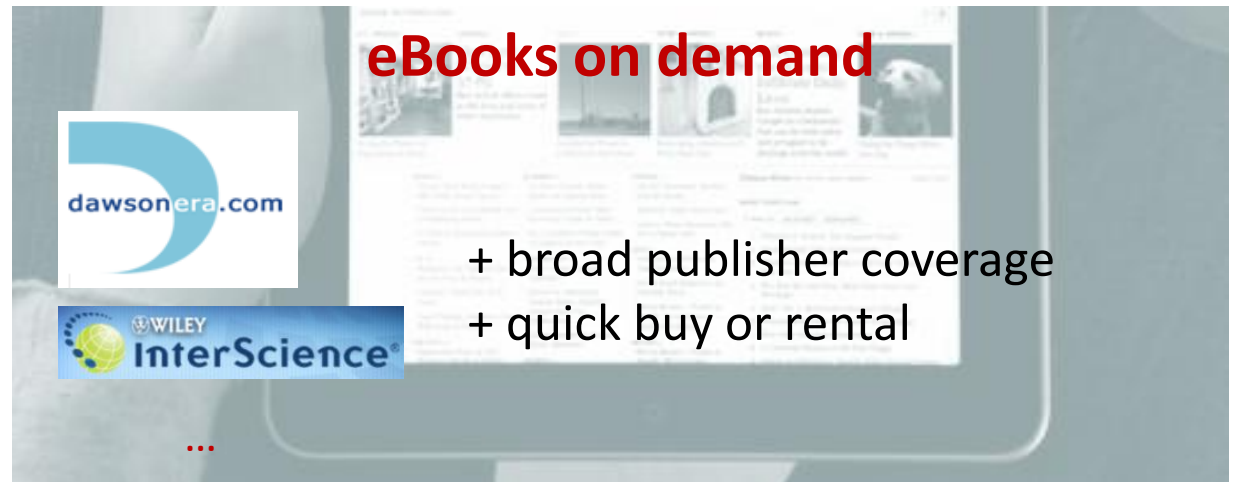
**core collection**



+ economic (if well selected)  
+ (usually) DRM-free

+

**eBooks on demand**



+ broad publisher coverage  
+ quick buy or rental



# Patrons need total transparency

User Account | Preferences | Guided Search | Help | Logout | Other Catalogs | IDS Recherche

NEBIS

Results List | Search History | Browse List | Basket

Search | **Advanced Search** | Expert Mode | Browse >Journal Title

Add to Basket | Mail/Save | Permanent Link (NEBIS 0058229)

Search within...  
OK  
books e-books periodicals ... or all resources

### Full View of Record

Record 7 out of 64

Display format: [Standard format](#) [Catalog card](#) [Citation](#) [MARC tags](#)

|                     |  |
|---------------------|--|
| Title               | Calcolo scientifico [Elektronische Daten] : esercizi e problemi risolti con MATLAB e Octave / A. Quarteroni, F. Saleri   |
| Edition             | 4a ed.   |
| Imprint             | Milano : Springer, 2008  |
| Descr.              | Online-Datei   |
| Series              | (Unitext)  |
| ISBN                | 978-88-470-0837-3<br>978-88-470-0838-0 (eBook)   |
| Standard-Identifier | doi:10.1007/978-88-470-0838-0  |
| Full text           |  <a href="#">Online via SFX</a>   |
| All Holdings        | <a href="#">All items</a>  |
| Library             | <a href="#">ETH-BIB (Zürich)</a>   <a href="#">Online</a>   <a href="#">EL Electronic Library</a>                                 |
| Library             | <a href="#">EPF-BIB (Lausanne)</a>   <a href="#">Online</a>   <a href="#">EL Electronic library</a>                               |
| Subjects            | <a href="#">NUMERICAL MATHEMATICS AND COMPUTER APPLICATIONS IN MATHEMATICS : 519.6</a><br><a href="#">MATLAB (SOFTWARE FOR NUMERICAL COMPUTATION) : 519.6.0</a><br><a href="#">TEXTBOOKS (DOCUMENT TYPE) : (075)</a> |
| Author/-ess         | <a href="#">Quarteroni, Alfio, Mathematician, 1952-</a> . eng  |
| Author/-ess         | <a href="#">Saleri, Fausto</a>   |
| Sys. no             | 005822970  |

MARC records must be imported

poor visibility

handle differentiated access

handle duplicates etc...

parallel catalogs



# Patrons need total transparency

User Account | Preferences | Guided Search | Help | Logout | Other Catalogs | IDS Recherche

NEBIS

Results List | Search History | Browse List | Basket

Search | **Advanced Search** | Expert Mode | Browse >Journal Title

Add to Basket | Mail/Save | Permanent Link (NEBIS 005822970)

Search within...  
books e-books periodicals ... or all resources

### Full View of Record

Record 7 out of 64

Display format: [Standard format](#) [Catalog card](#) [Citation](#) [MARC tags](#)

|                     |  |
|---------------------|--|
| Title               | Calcolo scientifico [Elektronische Daten] : esercizi e problemi risolti con MATLAB e Octave / A. Quarteroni, F. Saleri   |
| Edition             | 4a ed.   |
| Imprint             | Milano : Springer, 2008  |
| Descr.              | Online-Datei   |
| Series              | (Unitext)  |
| ISBN                | 978-88-470-0837-3<br>978-88-470-0838-0 (eBook)   |
| Standard-Identifier | doi:10.1007/978-88-470-0838-0  |
| Full text           |  <a href="#">Online via SFX</a>   |
| All Holdings        | <a href="#">All items</a>  |
| Library             | <a href="#">ETH-BIB (Zürich)</a>   <a href="#">Online</a>   <a href="#">EL Electronic Library</a>                                 |
| Library             | <a href="#">EPF-BIB (Lausanne)</a>   <a href="#">Online</a>   <a href="#">EL Electronic library</a>                               |
| Subjects            | <a href="#">NUMERICAL MATHEMATICS AND COMPUTER APPLICATIONS IN MATHEMATICS : 519.6</a><br><a href="#">MATLAB (SOFTWARE FOR NUMERICAL COMPUTATION) : 519.6.0</a><br><a href="#">TEXTBOOKS (DOCUMENT TYPE) : (075)</a> |
| Author/-ess         | <a href="#">Quarteroni, Alfio, Mathematician, 1952-. eng</a>   |
| Author/-ess         | <a href="#">Saleri, Fausto</a>   |
| Sys. no             | 005822970  |

MARC records must be imported

poor visibility

handle differentiated access

handle duplicates etc...

parallel catalogs

complex issues

cannot always be solved using current tools...



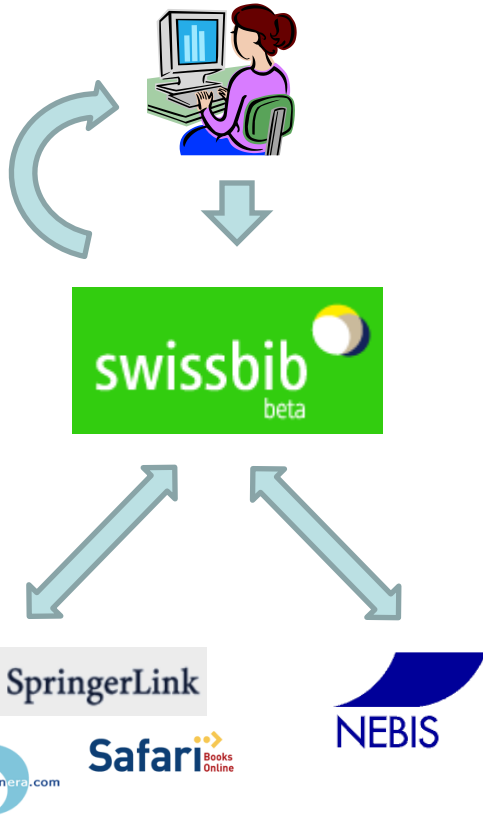
find alternate routes !





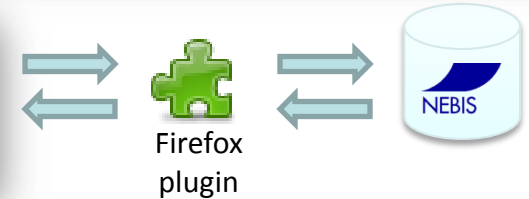
# Alternate routes

option # 1:  
meta-catalog



option # 2:  
tinker

A screenshot of the NEBIS search results page. The page header includes navigation links: "Compte utilisateur", "Préférences", "Recherche guidée", "Aide", "Se déconnecter", "Liste des résultats", "Historique", "Liste", "Panier", "Recherche", "Recherche avancée", "Recherche en mode expert", and "Parcourir". Below the header, there are links for "Ajouter au panier", "Sauvegarder / E-mail", and "Lien permanent (NEBIS 005372032)". The main content area shows a "Notice détaillée" for "Programming firefox / Kenneth C. Feldt". A red box highlights a book icon and the text "Available as ebook from EPFL!". Below this, the "Adresse bibliogr." is "Sebastopol : O'Reilly Media, 2007", the "Collation" is "494 p. : ill.", and the "ISBN" numbers are "0-596-10243-7" and "978-0-596-10243-2".



and wait for  
OPAC 2.0 ...

When in Rome...

do as the Romans do !





# When in Rome...

don't try to  
bring users to  
your OPAC



put your OPAC  
right where they are  
(without them noticing)



# When in Rome...

The screenshot shows the ISI Web of Knowledge interface. At the top, there are navigation tabs: 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Below these are links for 'Search', 'Search History', and 'Marked List (0)'. The main header area displays 'ALL DATABASES' and 'Results Topic=(learning center) Timespan=All Years'. A search bar contains 'learning center' and shows 'Results: 3 872'. Navigation controls include 'Page 1 of 388' and 'Go'. A toolbar offers actions like 'Print', 'E-mail', 'Add to Marked List', 'Save to EndNote Web', 'Save to EndNote, RefMan, ProCite', and 'more options'. On the left, a 'Refine Results' sidebar is visible, with sections for 'General Categories' (Science & Technology, Social Sciences, Arts & Humanities) and 'Subject Areas' (Computer Science, Psychology, Engineering, Behavioral Sciences, Neurosciences & Neurology). Below these are 'Document Types', 'Authors', 'Source Titles', and 'Publication Years'. The main results list contains four entries, each with a checkbox, title, author(s), source, volume/issue/pages, and publication year. Each entry also shows 'Times Cited: 0' and a button for 'Full Text'. The first entry's 'Full Text' button is highlighted with a red box and contains the text 'EPFL SFX'. The background of the slide features a classical painting of a group of people in a room.

## ISI Web of Knowledge<sup>SM</sup>

All Databases | Select a Database | Web of Science | Additional Resources

Search | Search History | Marked List (0)

### ALL DATABASES

**Results** Topic=(learning center)  
Timespan=All Years

Results: **3 872** Page 1 of 388 Go

Print | E-mail | Add to Marked List | Save to EndNote Web | Save to EndNote, RefMan, ProCite | more options

#### Refine Results

Search within results for

Search

**General Categories** Refine

- SCIENCE & TECHNOLOGY (2,948)
- SOCIAL SCIENCES (1,191)
- ARTS & HUMANITIES (103)

more options / values...

**Subject Areas** Refine

- COMPUTER SCIENCE (692)
- PSYCHOLOGY (596)
- ENGINEERING (563)
- BEHAVIORAL SCIENCES (455)
- NEUROSCIENCES & NEUROLOGY (380)

more options / values...

**Document Types**

**Authors**

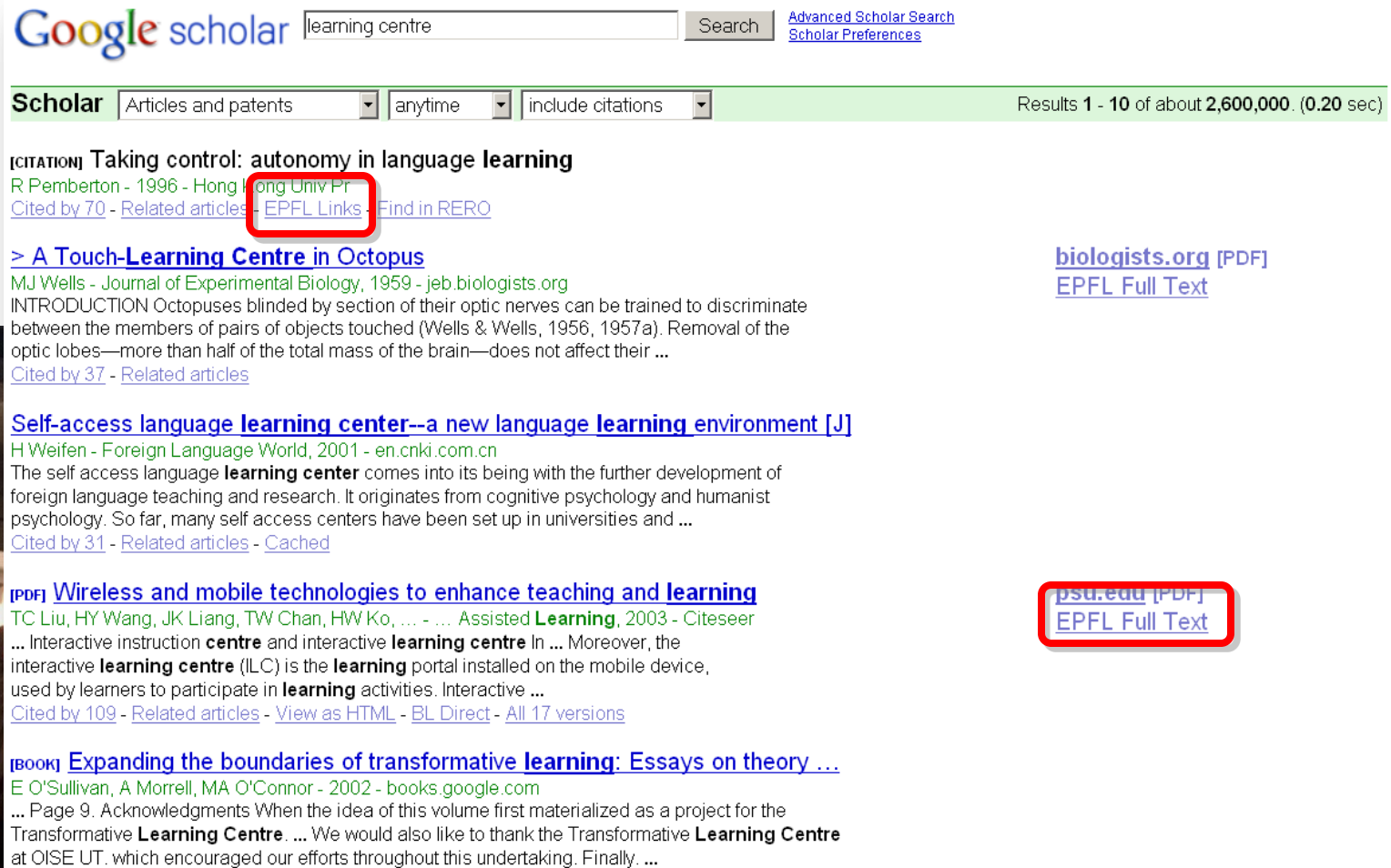
**Source Titles**

**Publication Years**

1. Title: [Learning postural tasks in hemiparetic patients with lesions of left versus right hemisphere](#)  
Author(s): Ioffe, ME; Chernikova, LA; Umarova, RM, et al.  
Source: [EXPERIMENTAL BRAIN RESEARCH](#) Volume: 201 Issue: 4 Pages: 753-761 Published: 2010  
Times Cited: 0  
[EPFL](#) [SFX](#) Full Text
2. Title: [Learning Curves for Colonoscopy: A Prospective Evaluation of Gastroenterology Fellows at a Single Center](#)  
Author(s): Chung, JI; Kim, N; Um, MS, et al.  
Source: [GUT AND LIVER](#) Volume: 4 Issue: 1 Pages: 31-35 Published: 2010  
Times Cited: 0  
[EPFL](#) [SFX](#)
3. Title: [Carotid Artery Stenting: Single-Center Experience Over 11 Years](#)  
Author(s): Nolz, R; Schernthaner, R; Cejna, M, et al.  
Source: [CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY](#) Volume: 33 Issue: 2 Pages: 251-259 Published: 2010  
Times Cited: 0  
[EPFL](#) [SFX](#) Full Text
4. Title: [Place memory formation in Drosophila is independent of proper octopamine signaling](#)  
Author(s): Sitaraman, D; Zars, M; Zars, T  
Source: [JOURNAL OF COMPARATIVE PHYSIOLOGY A-NEUROETHOLOGY SENSORY NEURAL AND BEHAVIORAL PHYSIOLOG](#)  
299-305 Published: 2010  
Times Cited: 0  
[EPFL](#) [SFX](#) Full Text



# When in Rome...



The image shows a screenshot of a Google Scholar search results page. The search term is 'learning centre'. The results are sorted by 'Articles and patents' and 'anytime'. The first result is a citation for 'Taking control: autonomy in language learning' by R Pemberton (1996). The second result is a PDF titled 'A Touch-Learning Centre in Octopus' by MJ Wells (1959). The third result is a self-access language learning center article by H Weifen (2001). The fourth result is a PDF titled 'Wireless and mobile technologies to enhance teaching and learning' by TC Liu et al. (2003). The fifth result is a book titled 'Expanding the boundaries of transformative learning: Essays on theory ...' by E O'Sullivan et al. (2002). Several links are highlighted with red boxes: 'EPFL Links', 'biologists.org [PDF]', 'psu.edu [PDF]', and 'EPFL Full Text'.

Google scholar learning centre Search [Advanced Scholar Search](#) [Scholar Preferences](#)

Scholar Articles and patents anytime include citations Results 1 - 10 of about 2,600,000. (0.20 sec)

[CITATION] [Taking control: autonomy in language learning](#)  
R Pemberton - 1996 - Hong Kong Univ Pr  
Cited by 70 - [Related articles](#) - [EPFL Links](#) - [Find in RERO](#)

> [A Touch-Learning Centre in Octopus](#) [biologists.org \[PDF\]](#)  
MJ Wells - Journal of Experimental Biology, 1959 - jeb.biologists.org  
INTRODUCTION Octopuses blinded by section of their optic nerves can be trained to discriminate between the members of pairs of objects touched (Wells & Wells, 1956, 1957a). Removal of the optic lobes—more than half of the total mass of the brain—does not affect their ...  
Cited by 37 - [Related articles](#)

[Self-access language learning center--a new language learning environment \[J\]](#)  
H Weifen - Foreign Language World, 2001 - en.cnki.com.cn  
The self access language **learning centre** comes into its being with the further development of foreign language teaching and research. It originates from cognitive psychology and humanist psychology. So far, many self access centers have been set up in universities and ...  
Cited by 31 - [Related articles](#) - [Cached](#)

[PDF] [Wireless and mobile technologies to enhance teaching and learning](#) [psu.edu \[PDF\]](#)  
TC Liu, HY Wang, JK Liang, TW Chan, HW Ko, ... - ... Assisted Learning, 2003 - Citeseer  
... Interactive instruction **centre** and interactive **learning centre** In ... Moreover, the interactive **learning centre** (ILC) is the **learning** portal installed on the mobile device, used by learners to participate in **learning** activities. Interactive ...  
Cited by 109 - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 17 versions](#)

[BOOK] [Expanding the boundaries of transformative learning: Essays on theory ...](#) [EPFL Full Text](#)  
E O'Sullivan, A Morrell, MA O'Connor - 2002 - books.google.com  
... Page 9. Acknowledgments When the idea of this volume first materialized as a project for the Transformative **Learning Centre**. ... We would also like to thank the Transformative **Learning Centre** at OISE UT, which encouraged our efforts throughout this undertaking. Finally. ...

# When in Rome...

amazon.com Hello. Sign in to get personalized recommendations. New customer? [Start here.](#) FREE 2-Day Shipping: [See details](#)

Your Amazon.com [Today's Deals](#) [Gifts & Wish Lists](#) [Gift Cards](#) Your Account [Help](#)

Shop All Departments

**Books** | [Advanced Search](#) | [Browse Subjects](#) | [New Releases](#) | [Bestsellers](#) | [The New York Times® Bestsellers](#) | [Libros En Español](#) | [Bargain Books](#) | [Textbooks](#)

Click to **LOOK INSIDE!**

Share your own customer images  
[Search inside this book](#)

### Programming Firefox: Building Rich Internet Applications with XUL (Paperback)

by [Kenneth C. Feldt](#) (Author)

**Key Phrases:** [test window](#), [overlay option](#), [request widget](#), [Widget Reference](#), [Done Figure](#), [Modifying Datasources](#) (more...)

★★★★☆ (6 customer reviews)

List Price: ~~\$59.99~~  
Price: **\$37.79** & this item ships for **FREE with Super Saver Shipping.** [Details](#)  
You Save: **\$22.20 (37%)**

**In Stock.**  
Ships from and sold by **Amazon.com**. Gift-wrap available.

**Want it delivered Friday, April 9?** Order it in the next 8 hours and 22 minutes, and choose **One-Day Shipping** at checkout. [Details](#)

**22 new** from \$12.72 | **14 used** from \$2.94

| Formats        | Amazon Price | New from | Used from |
|----------------|--------------|----------|-----------|
| Kindle Edition | \$36.01      | --       | --        |
| Paperback      | \$37.79      | \$12.72  | \$2.94    |

Quantity:

or

[Sign in](#) to turn on 1-Click ordering.

or

Amazon Prime Free Trial required. Sign up when you check out. [Learn More](#)

**Express Checkout with PayPhrase**

“[Ghostly Laugh](#)”

[What's this?](#) | [Create PayPhrase](#)

**More Buying Choices**

**36 used & new** from \$2.94

Have one to sell?

Share [✉](#) [f](#) [t](#)

**Frequently Bought Together**

**Total List Price: \$149.93**  
**Price For All Three: \$104.64**



# When in Rome...

amazon.com Hello. Sign in to get personalized recommendations. New customer? [Start here.](#) FREE 2-Day Shipping: [See details](#)

Your Amazon.com [Today's Deals](#) [Gifts & Wish Lists](#) [Gift Cards](#) Your Account Help

Shop All Departments Search Books GO Cart Wish List

Books Advanced Search Browse Subjects New Releases Bestsellers The New York Times® Bestsellers Libros En Español Bargain Books Textbooks

Click to **LOOK INSIDE!**

Programming Firefox

Programming Firefox: Building Rich Internet Applications with XUL (Paperback) [PDF](#) [HTML](#)

~ Kenneth C. Feldt (Author)

**Key Phrases:** [test window](#), [overlay option](#), [request widget](#), [Widget Reference](#), [Done Figure](#), [Modifying Datasources](#) (more...)

★★★★☆ (6 customer reviews)

List Price: ~~\$59.99~~  
Price: \$37.79 & this item ships for **FREE with Super Saver Shipping.** [Details](#)  
You Save: \$22.20 (37%)

**In Stock.**  
Ships from and sold by Amazon.com. Gift-wrap available.

**Want it delivered Friday, April 9?** Order it in the next 8 hours and 22 minutes, and choose **One-Day Shipping** at checkout. [Details](#)

**22 new** from \$12.72 **14 used** from \$2.94

| Formats        | Amazon Price | New from | Used from |
|----------------|--------------|----------|-----------|
| Kindle Edition | \$36.01      | --       | --        |
| Paperback      | \$37.79      | \$12.72  | \$2.94    |

Share your own customer images  
[Search inside this book](#)

Quantity: 1

Add to Cart

or

[Sign in](#) to turn on 1-Click ordering.

or

Add to Cart with FREE Two-Day Shipping

Amazon Prime Free Trial required. Sign up when you check out. [Learn More](#)

Add to Wish List

**EPFL** Library holdings :  
Available in 24h: [Loan it !](#)  
E-book available: [Read it !](#)

**Frequently Bought Together**

Total List Price: \$149.93  
Price For All Three: \$104.64



Try it out !

<http://library.epfl.ch/tools/?pg=plugin-nebis>

Thank you



Official inauguration  
May 29-30, 2010

Visitors are welcome any time, 7/7 :)



# References

- IFLA Library building guidelines : developments & reflections / ed. on behalf of IFLA by Karen Latimer ... [et al.] München : Saur, 2007. - 266 p. : Ill. – ISBN 978-3-598-11768-8.
- Drivers and Directions of Academic Library Development 2005, by MICHAEL COTTA-SCHÖNBERG. European Business Schools Librarians' Group (EBSLG), Annual meeting, Paris, Avril 2005. [online], accessed 2008-11-17. <http://liber.library.uu.nl/publish/articles/000130/>
- Library as place : rethinking roles, rethinking space. Council on Library and Information resources, Washington, Février 2005. [online], accessed 2007-06-18. <http://www.clir.org/pubs/abstract/pub129abst.html>
- Transforming library service through information commons case studies for the digital age D. Russell Bailey and Barbara Gunter Tierney -- Chicago : American Library Association, 2008, ISBN 978-0-8389-0958-4  
Extract: <http://www.nercomp.org/data/media/DRBailey%20IC%20toLC%20-%20Definitions.doc>
- The information commons handbook. Donald Robert Beagle ; with contributions by Donald Bailey and Barbara Tierney -- New York : Neal-Schuman Publishers, 2006, ISBN 978-1-55570-562-6
- Designing spaces for effective learning : A guide to 21st century learning space design. Higher Education Funding Council for England (HEFCE) on behalf of JISC, 2006. [online], accessed 2008-11-17. [http://www.jisc.ac.uk/eli\\_learningspaces.html](http://www.jisc.ac.uk/eli_learningspaces.html)
- Perception of libraries and information resources. OCLC, Novembre 2005. [online], accessed 2008-11-17. <http://www.oclc.org/reports/2005perceptions.htm>
- OCLC's Environmental scan 2003 : Pattern recognition. OCLC, 2003. [online], accessed 2008-11-17. <http://www.oclc.org/reports/2003escan.htm>
- Learning Center : the Lausanne Exemple. David Aymonin. Presented at LIBER architecture group seminar, Utrecht, March 20-24, 2006. Available at <http://infoscience.epfl.ch/record/138474>
- The Library of the Rolex Learning Center : considered as the “best place to be” on the campus @ EPFL. David Aymonin. Presented at LIBER 2009 annual general conference, Toulouse, June 30 – July 3, 2009. Available at <http://infoscience.epfl.ch/record/139230>

## Photo credits

Laurent Gilléron / Keystone (SwissCube)

Alain Herzog / EPFL

Ivo Rovira / Alinghi

Blue Brain Project / EPFL

[Trevor Patt](#) @ flickr

[Michael Backhaus](#) @ flickr

Apple Inc. (iPad)

HBO (Rome series)

[Thomas Guignard](#) @ flickr

[Racine](#) @ flickr

[Brian Talbot](#) @ flickr

[Emilie Eagan](#) @ flickr

[Steven James](#) @ flickr

[Dano Nicholson](#) @ flickr