Enfin dévoilée
Revealed, at last

La Bibliothèque de l’
au Rolex Learning Center

David.Aymonin@epfl.ch
et toute l’équipe de la Bibliothèque de l’EPFL
RLC, Vendredi 28 mai 2010
Once upon a time

From the first dream ...

Le centre de connaissance de l’EPFL

Une ambition au service de l’innovation

... to the Real Rolex Learning Center
Aims / Context: 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

<table>
<thead>
<tr>
<th>Total # students</th>
<th>1990</th>
<th>2000</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3'500</td>
<td>7’000</td>
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</tbody>
</table>

- **Conference centre (2012)**
- **Rolex Learning Center (2010)**
- **Business centre, hotel, housing...**
Teaching models evolve: the Bologna Equation

1 credit = 30 hours student work

Learning is not Virtual. It’s physical
Libraries evolve: Learning Centres, Information Commons ...

Transforming learning experiences

- Mobile learning
  - Tablet PCs
  - Laptops
  - Mobile phones
- Connected learning
  - Wired computing
  - Wireless networks
  - Window-based laptop PCs
- Visual and interactive learning
  - Video conferencing
  - Video streaming

Supported learning
- Audio-visual presentation
- Video recording facilities

JISC
- Designing Spaces for Effective Learning
  - A guide to 21st Century learning space design
Time frame
Late 90’s: budget cuts + library Crisis

Vision:

create a place for living and studying, for students mainly but also for researchers and people from outside as well, including a library, work areas, cafes and restaurants, facilities for various events, ...
Project Development and Planning : Stage 2

Focus groups' goals:
- identify the degree of acceptance of the intended reforms (teaching methods and scientific information)
- work out the programme for the Learning Center
- sketch out the changes to be made to the EPFL campus in general

Conclusion:
The Learning Center project should be expanded to a Campus for Tomorrow, of which the Library of the Future is one element.
Project Development and Planning: Stage 3

- **Ticer audit (Tilburg)**
  - 2001
- « Agora » project & Visits (UK & NL)
  - 2002
- President's « vision »
  - August - Nov. 03
- **Decision: build the new Learning Center**
  - April 2003

**Focus Groups**
- Architectural competition
  - March 2004

**User Groups**
- Detailed programme
  - June 04 - Jan. 05
- List of premises up-dated
  - April 2005
- Functional layout

**Winners Sanaa**
- Dec. 2004

User Groups for each type of facility:
- Library
- Training
- Events / Campus
- Publishing / Bookshop
Project Development and Planning : Stage 4

- Ticer audit (Tilburg) 2001
- « Agora » project & visits (UK & NL) 2002
- President’s « vision »

- Focus Groups August - Nov. 03
- List of premises Program

- Architectural competition

- User Groups June 04 - Jan. 05
  - Detailed programme
  - List of premises up-dated
  - Functional layout April 2005

- Preliminary studies

- Coordin. Group (EPFL)
  - Architects + Engineers

- Pilot project

- Selection of Total Service Contractor
  - Final & construction design project

- Works

- Building Commission (EPFL) + TSC

- Decision : build the new Learning Center April 2003
- Winners Sanaa March 2004
- Dec. 2004

- April 2006
- June 2006
- Since Oct. 2006
- 2007-08
Project Building : Stage 5

Construction Permit : Jul 2007
Construction work : Jul 2007 – dec 2009
Opening : 22 Feb 2010
Official Inauguration : 27 May 2010
Initial concept
Architectural competition
Functional layout
Schéma fonctionnel

Main Hall, Help desk, meeting point, cloakroom, lockers (3.1) Ticket corner (4.6)

Exhibition area, storage (4.1)

CRAFT (2.3)

Agepoly (3.13)

Language center (2.4)

PPUR (4.7)

Foyer, cloakroom (4.2)

Multipurpose hall, store (4.3, 4.4)

Training room + storage (2.1)

Library reception (1.1, 1.2)

Library, multimedia library (1.3, 1.4)

Internal services of the Library (1.9, 1.10, 2.1 part)

Storage & admin. archives (5.1 part)

Research collection (1.6)

Research collection extension (1.7)

Working places (1.3, 1.4)

Ancient collection (1.5)

A3 (3.9)

Catering stores (3.5)

Kitchent (3.7)

Upmarket restaurant (3.6)

Café (3.2)

Press corner (3.1.1)

Bookshop, offices, store (4.5)

« EPFL shop » (3.11)

 « Food court + incl. Kitchens (3.3, 3.4)

EPFL archives (5.2)

Car Park (5.4)

Server, patch panels (1.11)

Spread (everywhere)

Meeting rooms (2.2)

Relaxation areas

Technical & sanitary services

EPFL – Learning Center
15/04/05
LIBRARY
- Ma + research level
- Ba + general public
- main desk
- working space (830 seats)
- career centre
- bookshop
- café
- newspapers
- exhibitions
- rare books

SERVICES
- teaching space
- student + alumni associations
- career centre
- bank
- self-service restaurant

CATERING
- restaurant

MULTI-PURPOSE HALL

PROGRAM
- OFFICES
- PPUR EPFL Press
- CRAFT
- space for group work

+ underground : movable stacks, parking, storage...
Initial architectural program

1. Library / Scientific information services
   Information desk, multimedia library, research collection, 700 student working places, 40 librarian working places and offices : 6’160 m²

2. Training and teaching
   Training rooms, CRAFT, language center : 1’150 m²

3. Life
   Main hall, help desk, café, restaurants (self-service and up-market), alumni and student lounge, shop : 1’875 m²

4. Culture
   Exhibitions, multipurpose hall, bookshop, university press : 1’690 m²

5. Technical spaces
   Delivery service, EPFL archives, technical rooms, car park : 3’500 m²
Program and competition

architects selection

FEB-NOV 2004

189 projects submitted
12 Selected

- Abalos & Herreros, Madrid, Spain
- Ateliers Jean Nouvel, Paris, France
- Diller Scofidio + Renfro, New York, USA
- Herzog & De Meuron, Basel, Switzerland
- Livio Vacchini - Eloisa Vacchini, Locarno, Switzerland
- Mecanoo Architecten, Delft, The Netherlands
- OMA Stadebouw BL, Rotterdam, The Netherlands
- Pierre Du Besset & Dominique Lyon, Paris, France
- Sanaa, Kazuyo Sejima + Ryue Nishizawa, Tokyo, Japan
- Valerio Olgiati, Zurich, Switzerland
- Xaveer de Geyter, Brussels, Belgium
- Zaha Hadid, London, United Kingdom
Overview of the 12 projects
Abalos & Herreros, Madrid
Ateliers Jean Nouvel, Paris
Diller Scofidio + Renfro, New-York
Herzog & Demeuron, Basel
Livio + Eloisa Vacchini, Locarno
Mecanoo Architecten, Delft
OMA Stadebouw BL, Rotterdam
Valerio Olgiati, Zurich
Xaveer De Geyter, Bruxelles
Zaha Hadid, London
# Projects evaluation

<table>
<thead>
<tr>
<th>Architects</th>
<th>Mel Collier</th>
<th>Marie-Françoise Bisbrouck</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Du Besset-Lyon</td>
<td></td>
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<tr>
<td>2. Vacchini</td>
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<td></td>
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<tr>
<td>3. Abalos and Herreros</td>
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<tr>
<td>4. SANAA</td>
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<td>5. Herzog &amp; De Meuron</td>
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<td>6. OMA (Rem Koolhaas)</td>
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<tr>
<td>7. De Geyter</td>
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<td>8. Mecanoo</td>
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<tr>
<td>9. Ateliers Jean Nouvel</td>
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<tr>
<td>10. Diller Scofidio</td>
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<tr>
<td>11. Olgiatti</td>
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<tr>
<td>12. Zaha Hadid</td>
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</tbody>
</table>
...The project offers an interesting prolongation of and analogy with the philosophy adopted during the first stage of the EPFL’s construction: *importance of itinerary, movement, interior courtyards with different surroundings, atmospheres, richness of vegetation, uniqueness and unity whilst still creating diversity*...
The proposed programme offers a new living space, opens up the possibility of new teaching approaches, everything being integrated into one single building as place of assembly and breeding-ground for *enriching encounters and synergies*...

And the winner is
Design and program evolutions
Contracts and agreements

Centre d’études de l’EPFL, Learning Center
Accessibilité aux personnes handicapées

L’Ecole Polytechnique Fédérale et les associations défendant les droits des personnes handicapées communiquent qu’elles ont trouvé un terrain d’entente qui va permettre le démarrage des travaux du Learning Center.

Fribourg, le 1er juin 2007
Lausanne, le 1er juin 2007

Pour l’Ecole Polytechnique Fédérale : Pour la Fondation en faveur d’un environnement architectural adapté aux handicapés, l’AVACAH, Forum Handicap et l’Association suisse des paralysés (ASPR) :

Denis Esseiva, av.
Jean-Claude Perroud, av.

Berne, le 5 juin 2007

Pour l’association AGILE :

Dr. Thérèse Stutz Steiger, Présidente

Barbara Marti, secrétaire générale
Furnishing and Shelving

- Call for tender Furnishing + Shelves
- oct 08 -> Mar 09
- Call for tender Compactus
- May 08 -> Nov 09
There were very hard times .... Sometimes

11 November 2009 Test with 2 poof + 1 on ground
The big shift of our libraries

- Preparation of collections: 2 years
- Political decision to merge 10 libraries: 1 year
- Team building: 9 months
- Services and operating hours: 6 months
- Actual move: 2 months
- Closing: 1 week
- Rodage: 0 day
- Live: 3 months onwards
10 libraries are merging into 1

40 people, 500,000 documents
11,000 e-Journals, 15,000 e-books, 10,000 monogr./year
August 2008: the first planning..... gasp
RLC : J – 238
(summer 2008)

Préparation des collections
État d’avancement
1. La place est suffisante

2. La collection sera cohérente

3. Tout sera prêt
## Simplified planning of the move

<table>
<thead>
<tr>
<th>Mobilier</th>
<th>novembre 2009</th>
<th>décembre 2009</th>
<th>janvier 2010</th>
<th>février 2010</th>
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<tbody>
<tr>
<td>installations des compactus au sous-sol</td>
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<tr>
<td>installations des étagères UNIFOR</td>
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<tr>
<td>installation des tables, bureau et autres mobiliers</td>
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<tr>
<td>Préparation</td>
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<tr>
<td>signalétiques et étiquette dans les rayonnages des bibliothèques</td>
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<tr>
<td>Déplacement des collections</td>
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<tr>
<td>Collections en CDU à la BC le 4 janvier 2010.</td>
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<tr>
<td>Sauf collections de BMA et BAR</td>
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<tr>
<td>Toutes collections vers le MOUV</td>
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<tr>
<td>Collections récentes BAR (Colline), BMA (Recherche), BC (CDU)</td>
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<tr>
<td>Transfert des collaborateurs</td>
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<tr>
<td>déménagements des bureaux des collaborateurs et des meubles spéciaux</td>
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<tr>
<td>Fermeture des bibliothèques</td>
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<tr>
<td>fermetures au 1er février 2010: BISCOM, Informatique, Physiques, Matériaux, CDM, CRAFT</td>
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<tr>
<td>fermetures au 12 février 2010: Mathématiques, Bib centrale</td>
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<tr>
<td>Derniers préparatifs</td>
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<tr>
<td>Rangements, signalétique, réparations éventuelles, fignolages</td>
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<tr>
<td>Ouverture</td>
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<tr>
<td>Ouverture de la Bibliothèque de l'EPFL au RLC : 22 février 2010</td>
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</tbody>
</table>
Moving the collections: A very complex task

Will go to compactus and ground floor

160 « Biblots » packages

https://mydocs.epfl.ch/communsisb$/communsisb/Projets-en-cours/Learning-center/demenagement/documents-laero/
Moving with professionals
Communication, internal and external

Les bibliothèques de l’EPFL déménagent au Rolex Learning Center

INFOS http://library.epfl.ch/move

• Poster
• Articles
• Meetings
• Web site
• Wikis
• Blog
Team building

Define the mission
Define the organisation
Know where and who you are
Try to be prepared to the shock
Les amis, en route vers le RLC !
Le paradis est là-bas!

Houlà ! Il a un peu forcé sur le prozac.
Il est en pleine hallu (voir ce mot).

C'est bizarre en ce moment. Je crois que je vais prendre un congé paternité de 4 mois et me faire opérer avant la retraite.

Je lapin est l'animal préféré de Lise Aymonin. D'ailleurs elle pense qu'elle est un lapin. Donc son père aussi.
Mission of the Library

- The Bibliothèque de l'EPFL is a public library specialized in the EPFL's study and research areas.
- Whether virtual or material, it is a place of work, study and privileged access to information.

Its team offers each of its users a support and services useful to the success of their studies, research, or teaching.

- Dedicated to Discovery, the Library favours:
- mastery of scientific and technical tools and services,
- autonomy in one's informations' research,
- curiosity towards one's discipline and that of others.
Flat Organisational chart / Versatility as a virtue

Public

Information & Public services
Reference, Info Literacy, Troubleshooting, Lending, ILL, Exhibitions, Communication

Academic support & Collection devlpt
Subject acquisition of all info, IR and publication counselling, Document processing

IT services
Servers, network, PC, Software, RFID
Printers – scanners - copiers
Web site(s) - SFX – ALEPH
Infoscience IR

Subscriptions and Licences

Lead & Support
Direction, H.R., R.P., Finance, Logistics

Document
Organisational chart

Conduite & Support

- David Aymonin: 1.00
- <Rplct C Rönheim>: 1.00
- Mirjana Rittmeyer: 0.80
- Valérie Carbonnier: 0.70
- Total: 3.50

Informatique & Bibliothèque électronique

- Georges Iffland: 1.00
- Sylvain Vuilleumier: 1.00
- Lionel Walter: 0.50
- Total: 2.50

Logistique & Economat

- Gilles Laupin: 1.00
- <Rplct NBK>: 0.50
- Damien Guitrault: 0.90
- Julien Tanari: 1.00
- Jérôme Yerly: 1.00
- Total: 4.40

Services & Formations aux Utilisateurs

- Guilaine Baud-Vittoz: 0.80
- Anne Ecabert: 0.60
- Anne Cherbuin: 0.80
- Alexandra Forclaz: 0.70
- <Rplct G Baud-Vittoz>: 0.80
- Sylvie Vuilloud-Marcacci: 0.60
- Manuèle Ducret: 0.50
- Natalie Bireima: 0.50
- Delphine Margot: 0.50
- Total: 5.80

Abonnements & Licences

- Caroline Bosia: 0.80
- Simone Cardinaux: 0.75
- Anil Goolaub: 0.40
- Total: 1.95

Appui Académique & Développement des Collections

- Thomas Guignard: 0.80
- Chantal Blanc: 0.50
- Jacqueline Despont: 0.50
- Catherine Sénéchaud: 1.00
- Geneviève Dumont: 0.50
- Simon Pasquier: 1.00
- Josiane Moll: 0.50
- Pierre Devaud: 0.80
- <Rplct I Dubot>: 0.50
- François Schmitt: 0.80
- Carole Coradi: 0.20
- Claude-Alain Brot: 1.00
- Alain Borel: 1.00
- Isabelle Mathieu: 0.40
- Martin Coradi: 1.00
- Geneviève F. Guéritault: 0.90
- Julie Chabloz: 0.80
- Elisabeth Becker: 0.20
- Total: 12.40

Novembre 2009
(* = Participation au tournus des guichets)
Coaching
Thank you all!
Plan détaillé des emplacements et signalétique

Zoom Enseignement

Emplacement: E02EA
Collection d’Enseignement CDU (07), (072)

Emplacement: E02EC
Normes, formulaires, etc. CDU (083)

Emplacement: E02GU
Guichet 1 principal (CDs, DVDs)

Accès principal des lecteurs
sur 5 hauteurs
Plan détaillé des emplacements et signalétique – en travail
Zoom Sciences et Techniques – Mathématiques
Plan détaillé des emplacements et signalétique – en travail

Sous-sol
IT services and equipment

Arts et Architecture

Guichet éventuel
d’« Architecture »

Sciences pour
 tous

Sciences et Techniques.
 Mathématiques

Mathématiques

Sciences

Humaines

Guichet éventuel
« SH »

Guichet d’accueil
 de la Bibliothèque

- Consultation (OPAC) debout
- Consultation (OPAC) assis
- Poste professionnel
- Boîte de retour des livres

Copieur-imprimante-scanner
« myprint »

Scanner à livres
(format A3)

Imprimante

Lecteur de microfiches

Automate self-check

Gates RFID

Sources:
RLC_plan-general-meuble_sept-09.pdf | informatique au RLC v6 2009824.xls | 20090309_RLC_RFID_schemaque_v11.pdf | CE du 2.11.09
The results are close to what we expected
http://library.epfl.ch
La Bibliothèque de l’EPFL

SCIENTIFIC INFORMATION AND LIBRARIES

QUICK LINKS
Books (NEBIS)
E-books
Periodicals @EPFL
Databases
Encyclopedias, dictionaries
Student reserve collection
EPFL PhD Theses
Infoscience
All resources
New acquisitions

BIBLIOTHEQUE DE l’EPFL
Opening hours:
7 days a week: 7h-24h
Service: Mo-Fr 8h-20h
How to find us
Map of the Library
Classification scheme

ABOUT US
Libraries
Rolex Learning Center
Infodoc forum
The team
Mission
Publications
Cosdoca
A-Z Index

Search within...

You visit...
Visit the Library
Borrow, reserve
Order a document from a library outside EPFL
Suggest a purchase

You have a question...
Virtual information desk
questions.bib@epfl.ch
+41 21 693 21 56
F.A.Q.

News from the libraries
The Senior Administration of EPFL offers students additional study rooms from Tuesday, May 25, until the end of exams. More...

You need...
43 Specialized staff (34 FTE)

Efficient ILL/PEB

3 Millions of books in NEBIS
100’000 books + 400’000 vol. = 12 km of collections in free access
20,000 E-books
11,000 E-Journals
100 Databases

Merging of 10 libraries into 1 at the Rolex Learning Center
An upper class institutional Repository
La COEN
9000 books in the Course Reserve

help://library.epfl.ch
La Bibliothèque de l’EPFL
Living space

Open 7/7, 7:00-24:00 – 3 restaurants – 1 bookshop – 1 bank ...
Working space(s)

15’000 m² – 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 ...
<table>
<thead>
<tr>
<th>21st C. Academic Library as place and facility</th>
<th>BIOTOPE</th>
<th>INFORMATION GATEWAY</th>
<th>SCHOOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>A place for work and life for the students</td>
<td>A place for work and life for the students</td>
<td>Organised access to all the information resources in the world with an emphasis on the most useful whatever the media</td>
<td>Transmission of a culture of information i.e. the capacity to search, criticise, make use, produce information</td>
</tr>
<tr>
<td>A meeting place for the others</td>
<td>A meeting place for the others</td>
<td>With an emphasis on the most useful whatever the media</td>
<td></td>
</tr>
<tr>
<td>It provides an help for success in everyone’s projects</td>
<td>It provides an help for success in everyone’s projects</td>
<td>With an emphasis on the most useful whatever the media</td>
<td></td>
</tr>
</tbody>
</table>

**Here it is!**

<table>
<thead>
<tr>
<th>Provides &amp; Goes</th>
<th>More Comfort Services</th>
<th>More Access Flexibility</th>
<th>Beyond Google</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

- More Comfort Services
- More Access Flexibility
- Beyond Google
Let’s go! Come to visit the RLC

Merci de votre attention
http://rolexlearningcenter.epfl.ch
Videos
A vision of students today (Dr. Michael Wesch, Kansas State University) [link]
Saltire Centre (Scotland): [link]
Explora (NL): [link]

References
- Perception of libraries and information resources. OCLC, Novembre 2005. [online], accessed 2008-11-17. [link]
- 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 [link]

Photo point Credit
MERCI ! Thomas Guignard@epfl.ch

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Ivo Rovira / Ailinghi
Blue Brain Project / EPFL
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Michael Backhaus @ flickr

Thomas Guignard @ flickr
Racine @ flickr
Brian Talbot @ flickr
Emilie Eagan @ flickr
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Dano Nicholson @ flickr