LLB – Commissariat à l'Energie Atomique

ACCESS Activity presentation

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General Assembly in Villigen, CH

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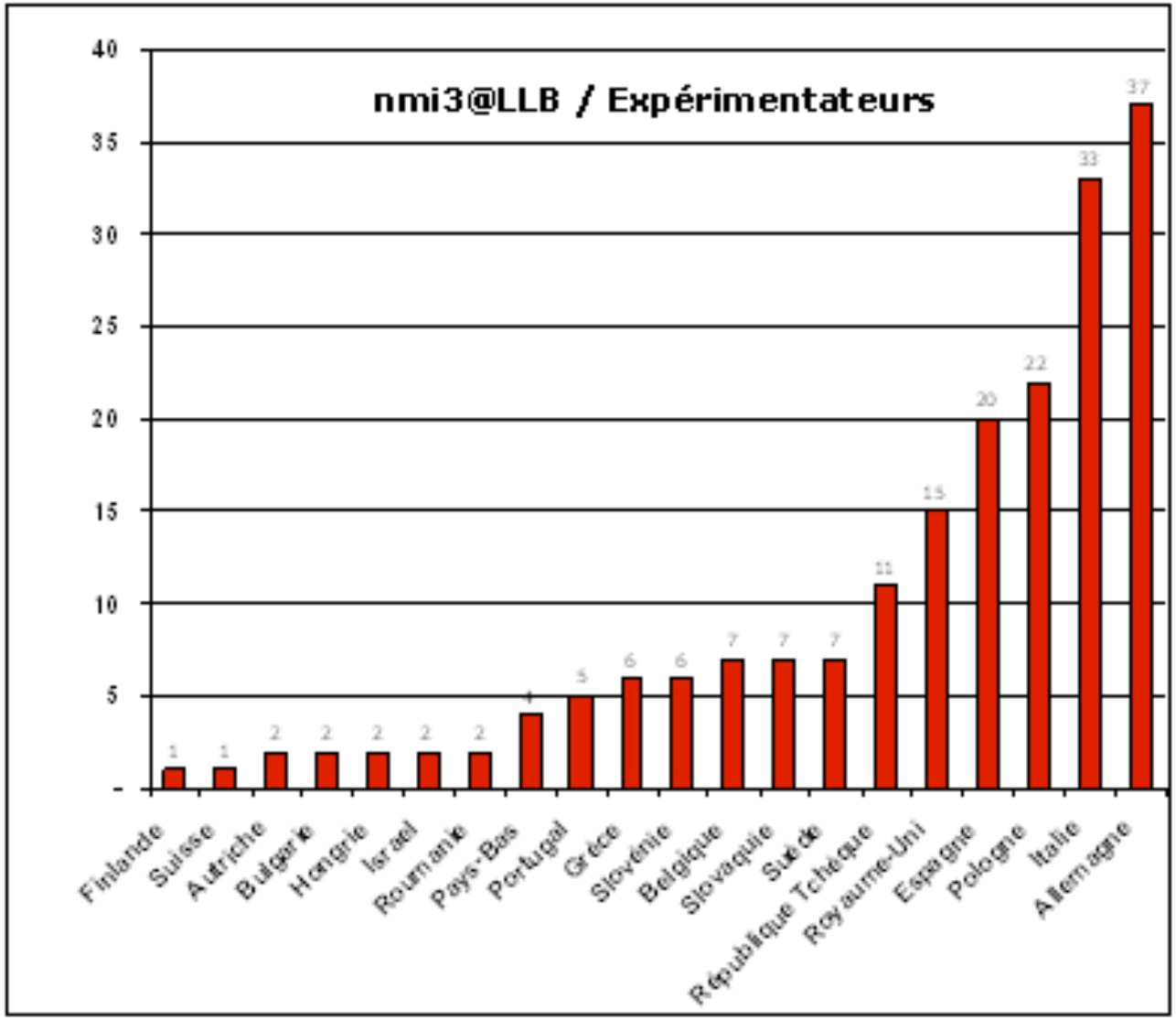
LLB: Access in FP6 and FP7

TPA : very small angle neutron scattering spectrometer (Q_{min}=2.10^{-4}Å^{-1})

- FP6 :
  - 21 instruments,
  - 108 experiments,
  - 603 days (20% Germany)
  - 192 users
  - 20 nationalities
- FP7 :
  - 22 instruments,
  - 200 days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Italie
Allemagne

Latest News from LLB

- New director : Christiane Alba-Simionesco
- Safety review file for a new 10 years licensing transmitted today to the safety French authorities.
- Willingness of CEA and CNRS to apply for a multi-year budget starting in 2010.
- Audit committee (5 persons) setup by the French research ministry to evaluate the role of LLB in the French neutron landscape for the next 10 years.
- Enhancement of local scientific integration and visibility :
  - Common high pressure lab. with synchrotron Soleil
  - RTRA and C-nano support for PA20
  - Part of “Plan Campus project”

Highlights

- Specific characteristics of the facility
  - High safety level (generation III power plan)
  - Low running costs (overheads shared with Saclay centre)
  - Fuel available up to 2020
  - Excellence fields
    - 5 SANS instruments / Soft matter studies
    - 4 triple-axes instruments / HTSC Superconductivity
    - Very high pressure / low temp. / high mag. field simultaneously (+ dedicated diffractometer)

- **CAP2010** achievements : 3T2, TPA, VIP, *Micro*

- **CAP2015** projects : PA20, Fa#, 7C2

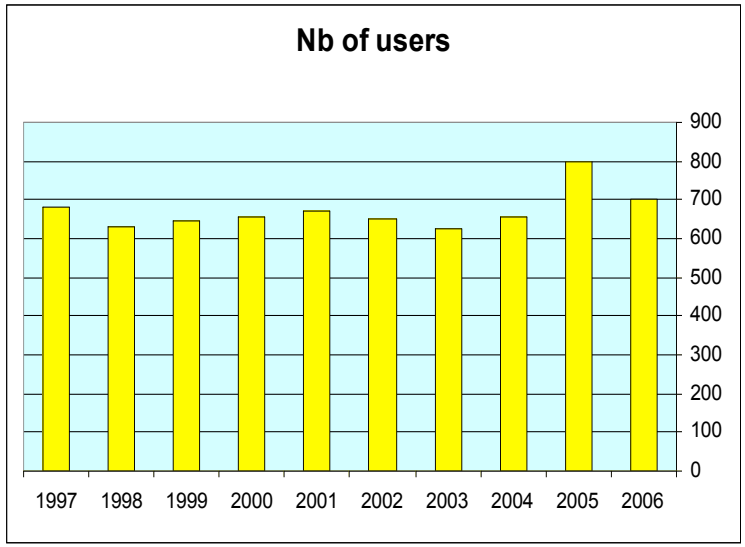
Proposition of strategy for the future of Access

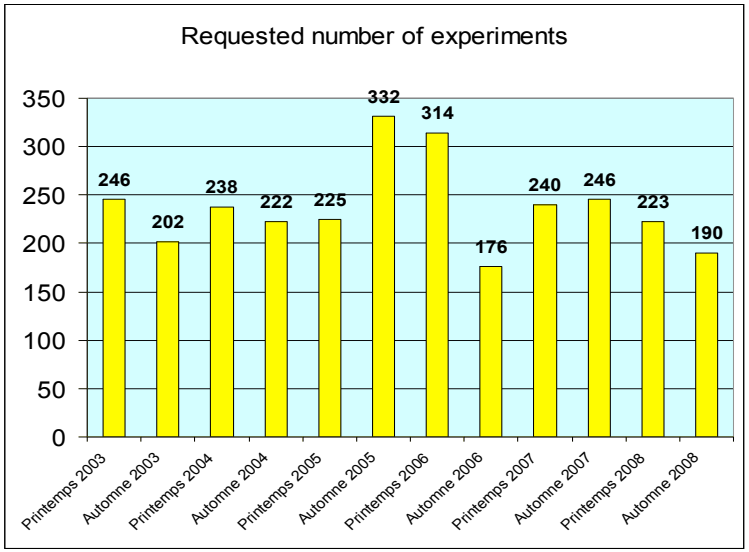
- Access granted through thematic proposals to all facilities
- Ready to manage one of the thematic access (“Energy”, “Strongly correlated systems”, “Soft materials”, …)
- Help us to set-up real European users community in each specific topics.
- Do not integrate other fields (synchrotron, laser, NMR, …)
  (too complicated to set up)

Our place in Europe

- Statistics on user frequentation / outcome in terms of publications ?

~ 170 publications/year





LLB and Europe

- Common user data management ?
  - Make user life easier
  - Difficult integration of other fields. Strong local coupling with synchrotron sources.
  - How much efforts for how many users ?

- Impact evaluation of neutrons compared to other techniques (facilities and medium equipments in networking (eg. lasers, microscopes, NMR, clean rooms, etc.)
  - Nb of publications and their impact
  - Cost per publication
  - Nb of industrial contracts