

FCPPL

Status and perspectives

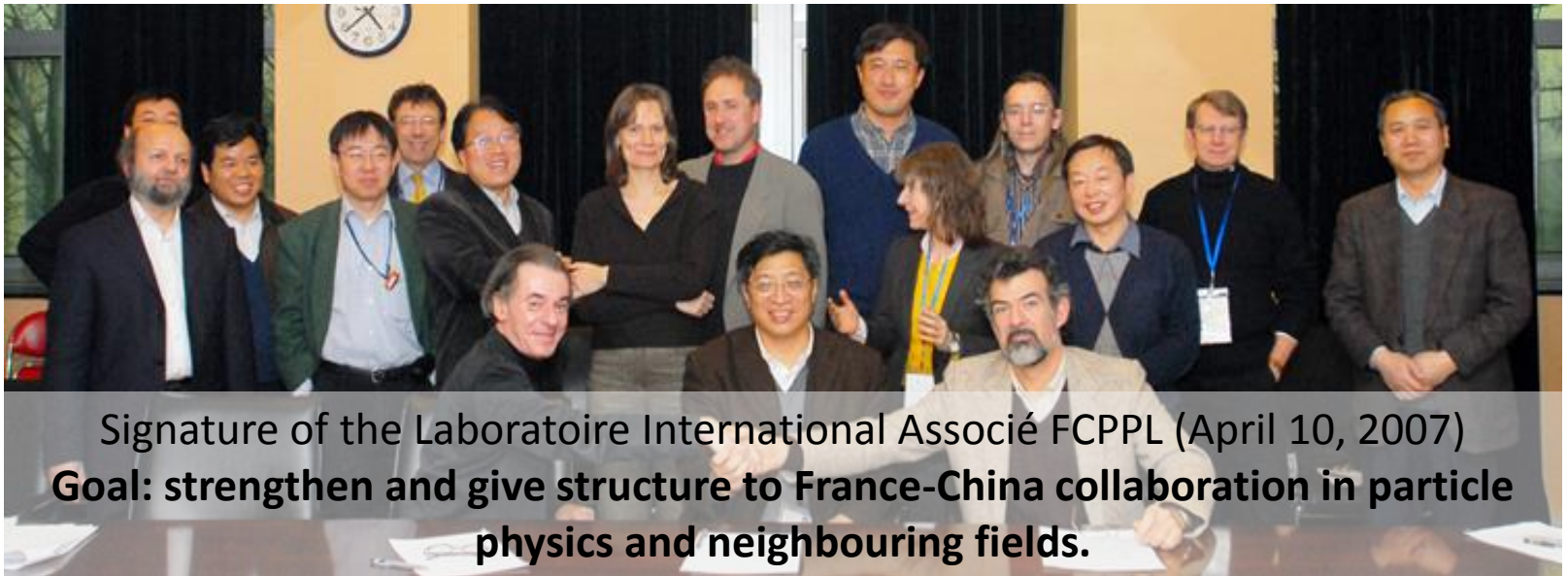
FCPPL 8th workshop

Hefei, April 8, 2015

Chen Gang & Olivier Martineau

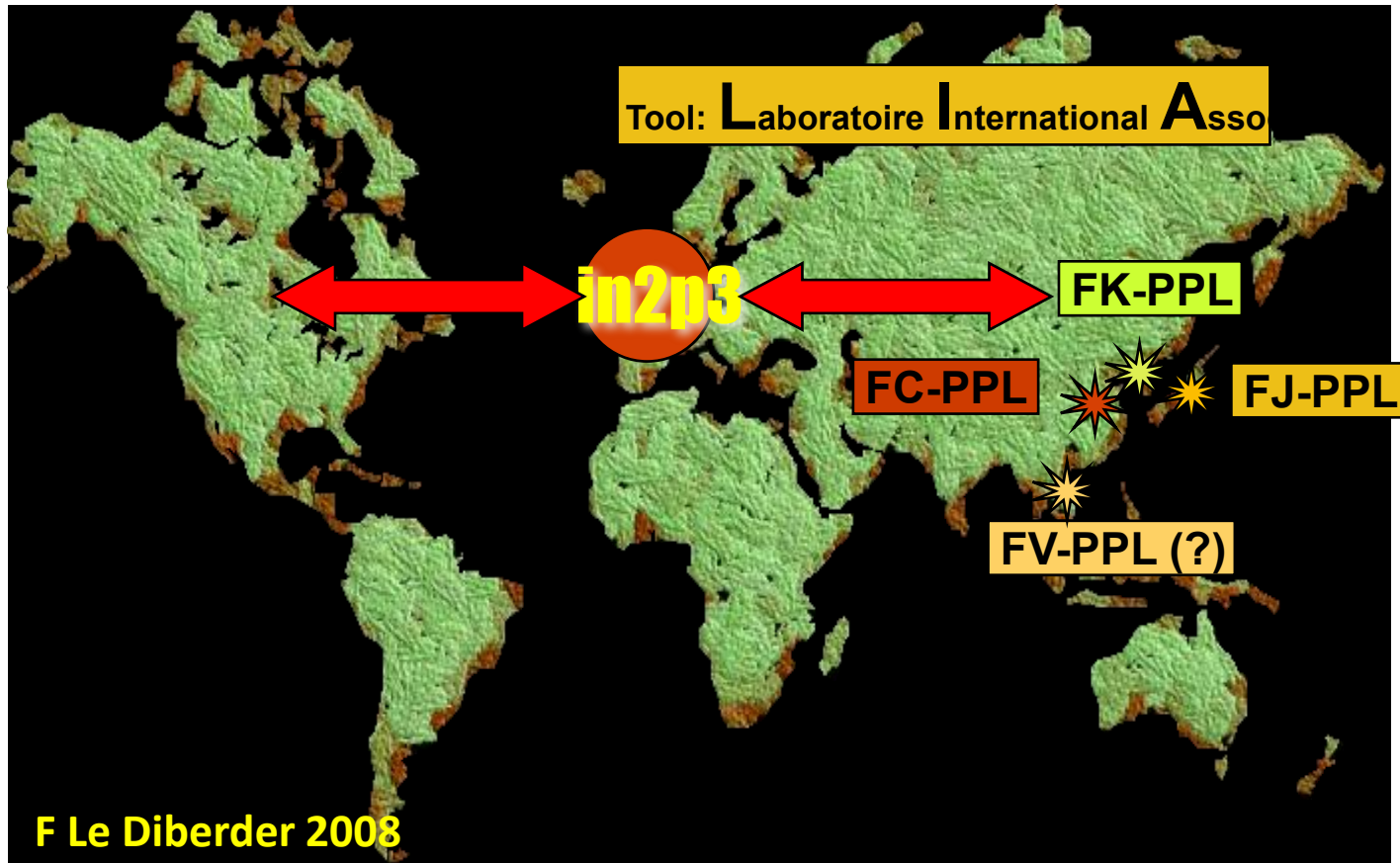
Laboratoire International Associé FCPPL

- Created on April 10, 2007
- Impulsion by Chen Hesheng, Michel Davier & François Le Diberder
- Directors: Lydia Roos & Jin Shan (2007-2011), Chen Gang & Olivier Martineau since then.



A shared political will

- China: increasing opening of the Chinese particle physics community to the outside world. Need to train its students and future researchers. France good target because top-level country for HE research (+ proximity to CERN)
- France: Political will of CNRS-IN2P3 to strengthen its links with Asia and better balance its international collaborations



FCPPL: a big success

- More than 500 people involved over 8 years! (353 today)
- ~ 60 research projects (24 today)
- 34 PhDs defended within FCPPL + 17 on-going
- ~200 papers directly produced from FCPPL work
- 100+ participants in annual workshop each year:
FCPPL as a community
- FCPPL steering committee as a great tool to coordinate France-Chinese collab policies

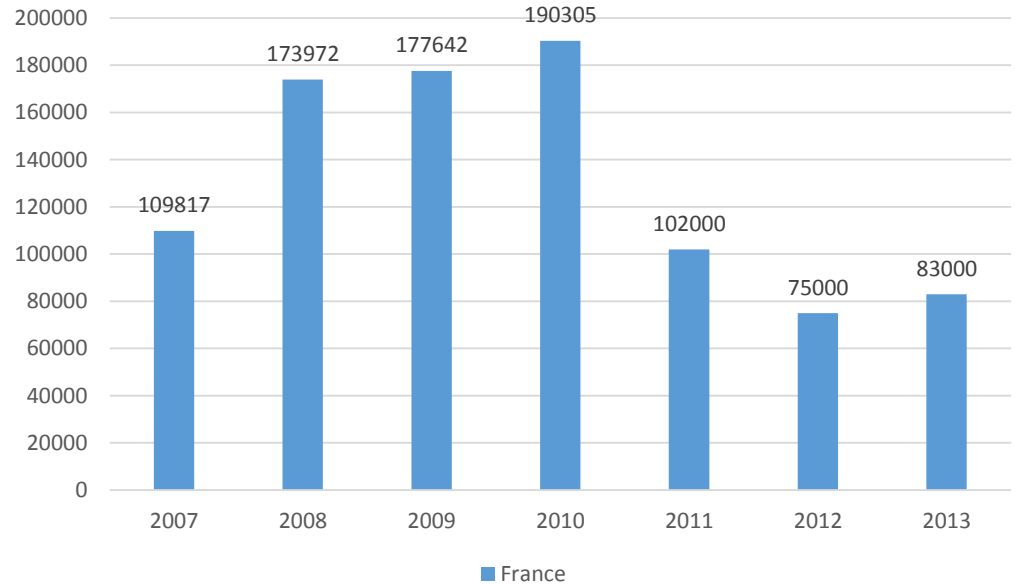
FCPPL is working fine!



France – Chinese collab keeping on.
LIA FCPPL being renewed.

But... issues exist!

- French budget dropped dramatically after 2010 (now 3300€ /project/ year)
- No identified channel for funding on Chinese side / failed to make FCPPL an identifiable and reliable structure in China.



- Poor experience sharing among members: we should (?) define tools & procedures to exchange our knowledge on calls & funding...
- No tool/funding for stays longer than few days.

Even bigger issues!

- Dramatic change in Chinese research landscape within the last few years: now China is becoming a leader in our field (CEPC, JUNO, LHAASO, SVOM...)

... Is a LIA still the right tool for us?

- **What is the strategy/vision for Chinese-French collaboration in the next few years?**
- What else? Towards a UMI?

UMI

- «Real» lab with legal status in both countries
- Dedicated staff & budget (but both can be small!)
- ~20 in CNRS, none in IN2P3

- Scientific project
 - Focused or wide?
- Budget
 - Not necessarily much bigger than today for IN2P3: big fraction from projects (visitors, postDocs, ...) & external calls (NSFC, MOST, CAS, French Embassy, ANR, H2020...)
- Purpose/Vision
 - Build a privileged connexion between China, a (future) leader in the field, and France, a country with large research tradition & expertise (strong political sign).
 - «Horizontal» support shared between all projects (visas, lodging, possibly funding ...)
 - Provide visibility for our projects.
 - Maintain FCPPL dynamic community alive!

- China:

- China is 1/5th of world population
- Great education (1st in PISA)
- Great structures (Universities, CAS, ...)
- Great political will (soft power)

China IS going to be the leading country in the field

- France:

- Great expertise
- China as an opportunity for France to show our know-how and take strategic roles in major collaborations (ex: JUNO)