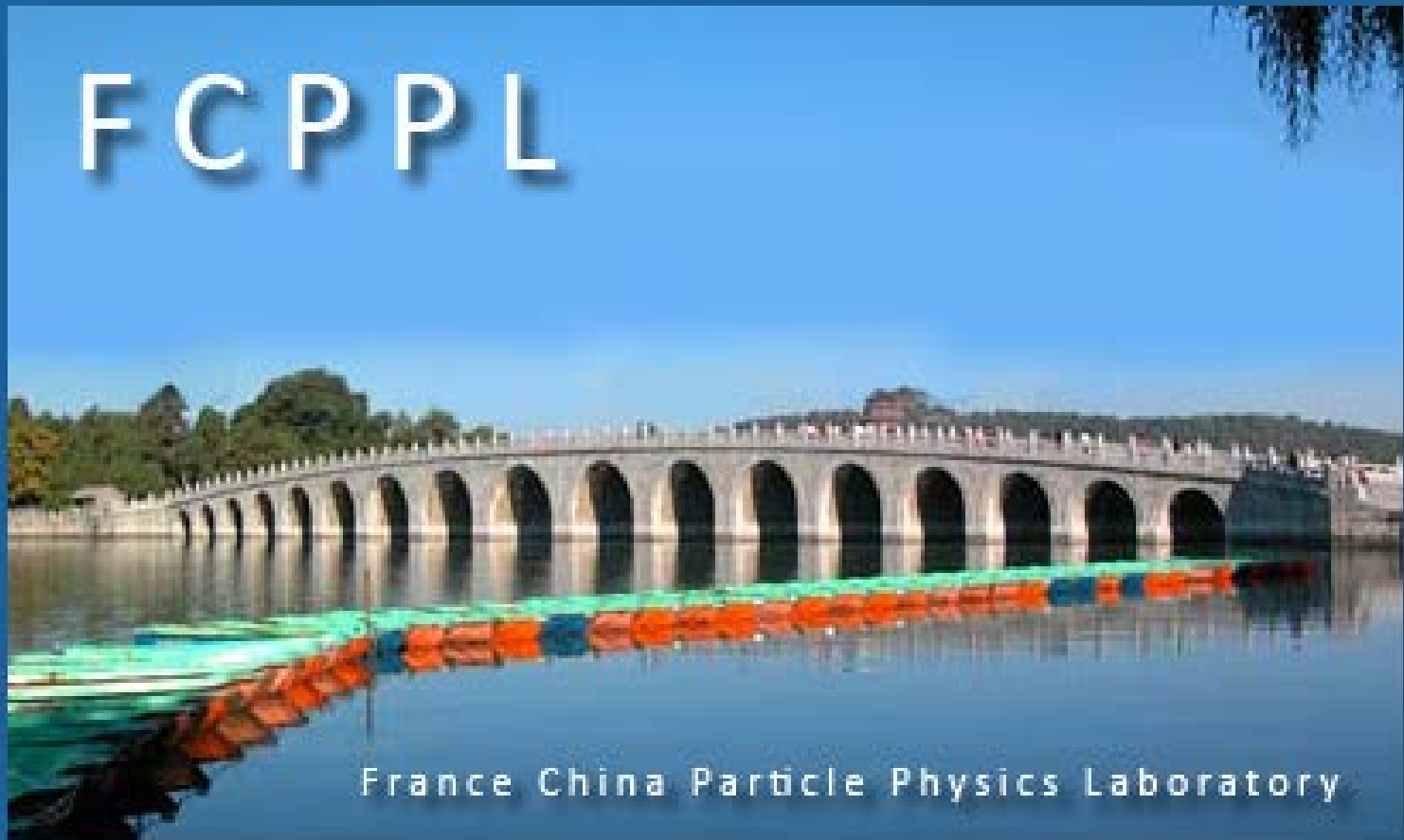


FCPPL



France China Particle Physics Laboratory

FCPPL

Very successful and going strong collaborative structure

Partners involved in the current agreement

On the French side :

- CNRS IN2P3 (CC-IN2P3, LSM) and with Universities : Aix-Marseille (CPPM) - Bordeaux (CENBG) - Clermont-Ferrand (LPC) - Grenoble (LPSC) - Lyon 1 (IPNL) - Nantes (Subatech) – Observatoire de Paris (APC) - UPMC (LPNHE) - Paris Diderot (APC, LPNHE) - Paris-Sud (IPNO, LAL) – Strasbourg (IPHC) ; and the Schools : Polytechnique (LLR, OMEGA) - Mines de Nantes (Subatech)
- CEA (Irfu ; APC, LSM)

On the Chinese side :

- CAS : IHEP (Beijing) – NAOC (Beijing) – USTC (Hefei) • Tsinghua and Peking Univ. (Beijing) • Shandong Univ. (Jinan) • Nanjing Univ. (Nanjing) • Shanghai Jiaotong Univ. • Central China Normal Univ. (Wuhan)

FCPPL

In numbers and facts

Number of « labs » : FR : 16 / CH : 9

Members : FR : 170 / CH : 180

Collaborative projects funded in 2018: 27

Postdocs in 2016 : 12 (5 FR in China et 7 CH in France)

Theses currently codirected : 15

Codirected theses defended in 2017 : 5

Total number of codirected theses defended : 63

Nombre total de copublications : over 200

Web site : fcpppl.in2p3.fr

11 Workshops : Marseille, 01/2008; Wuhan, 03/2009; Lyon, 04/2010; Jinan, 04/2011; Orsay-Saclay, 03/2012; Nanjing, 03/2013; Clermont-Ferrand, 04/2014; Hefei, 04/2015; Strasbourg, 03/2016; Beijing, 03/2017; Marseille, 05/2018

Cities involved :

In France - Bordeaux, Clermont-Ferrand, Grenoble, Lyon, Marseille, Nantes, Orsay, Palaiseau, Paris, Saclay, Strasbourg; In China - Beijing, Hefei, Jinan, Nanjing, Shanghai, Wuhan

BTW, we would need your help to update our data on:

- co-supervised PhD students
- shared publications

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LIA agreement needs to be renewed

Current one ends in April 2019

Some items we might consider including in the new one:

- request from SYSU (Sun Yat-Sen Univ. - Guangzhou) to join our common adventure
- Ideas on how to improve how the FCPPL operates
- Proposal for an executive committee
 - would meet in face to face or video on a regular basis (3 months?)
 - FCPPL directors and PIs of different fields in which we collaborate: Particle Physics at LHC, Flavor Physics, Neutrino Physics, Astroparticle physics, Developments (Accelerator, Detectors, Computing)
 - discuss current collaborations and possibly new ones
 - prepare the yearly workshop ...

To be discussed with the Steering Committee...

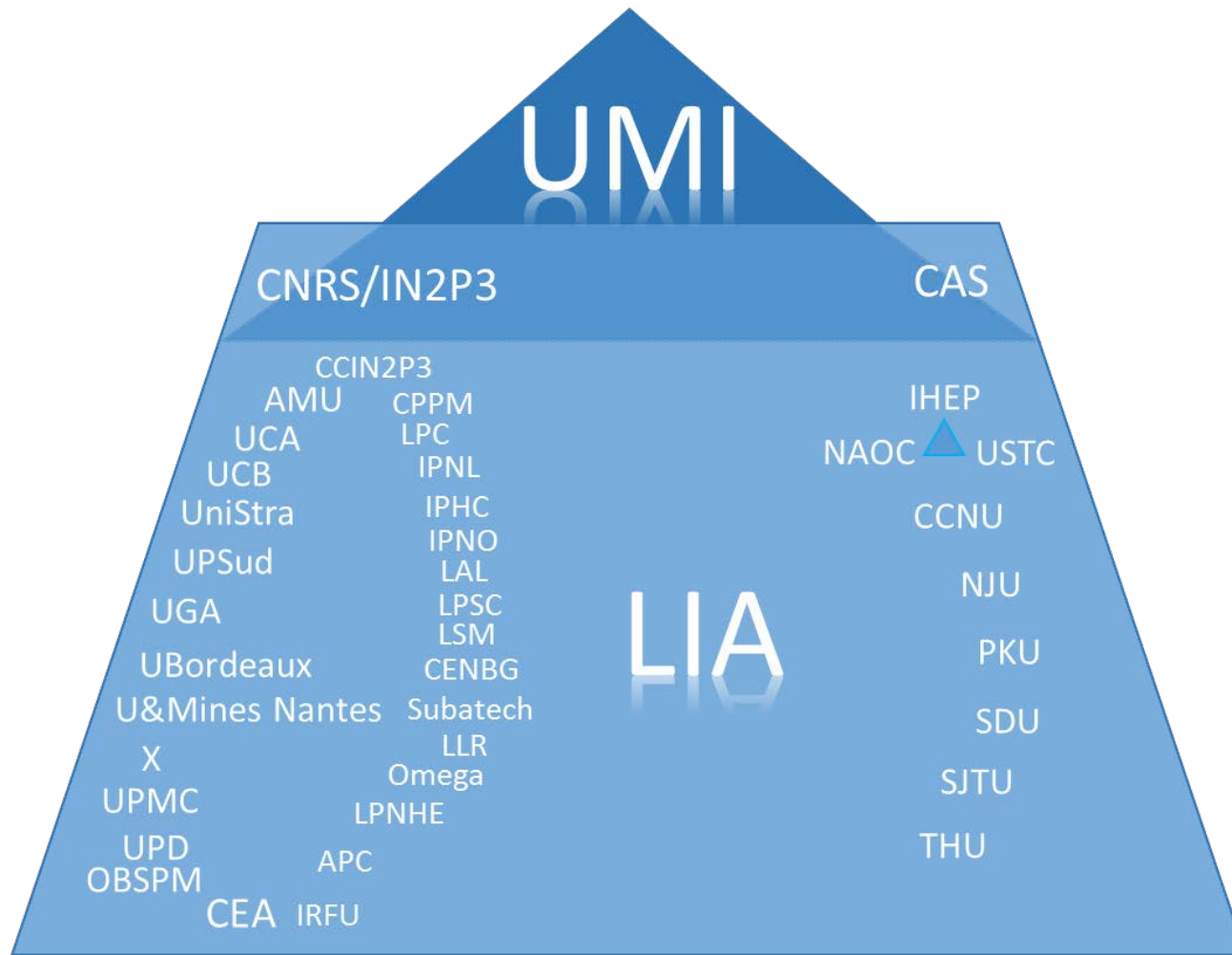
FCPPL and beyond...

Great success of the collaborative environment setup between France and China in the fields of Particle and Astroparticle Physics:

- thanks to the FCPPL LIA that allowed to initiate and make operate in the past 10 years projects related to studies, developments and experiments that we share
- is an encouragement for the community to try to go beyond the networking structure of an LIA, to solidify even further the collaborative activities more specifically hosted in China
- with a proposal of an International Joint Research Unit (UMI) still in the making.

Picture of a possible UMI... still in the making

- UMI would be rooted in the LIA
- would not replace FCPPL but complement it
- would be based on a CAS-CNRS agreement to start with
- expected to go further than the collaborative exchange network possible in the LIA (also in potential access to funding programs not accessible to an LIA), on a number of projects specifically requiring long term presence of French scientists/engineers in China in the fields of Neutrinos Physics, Astroparticle Physics, and Developments for Particle Physics
- would be located in Beijing and is proposed for CNRS and CAS to create and officially identify as a genuine joint research unit
- allowing to take the collaboration between our two countries on developments and experiments in our fields of research hosted in China to an unprecedented level
- would be a pioneering experience as well, since if created, this UMI would be the first of its kind for IN2P3
- would require the presence in China for long periods of time of French scientists and engineers, and their affiliation to this "real" laboratory.



**Warning: this not an official and blessed plot.
 This just my personal representation of how the two
 structures could interact...
 to be taken with a big grain of salt**

Long stays in China

first results of a quick survey...

	2018				2019									2020									2021									2022																	
total	2	4	5	1	2	1	3	6	5	2	9	5	6	5	3	1	7	3	3	3	3	4	9	4	3	2	2	2	6	3	7	8	9	5	3	2	2	4	1	2	1	1	1	1	3	2	2	3	2
TOTAL mths	12				48									45									50									18																	
TOTAL pers	10				21									20									17									9																	
Ratio m/p	1,2				2,3									2,3									2,9									2,0																	
Min	1				1									1									1									1																	
Max	2				6									7									6									3																	

Still evolving...

Since this survey, people declared their interest to spend 1 year or more in China

There is potential, but still needs to be worked on 😊

FCPPL

Draft agenda of the Steering Committee

- FCPPL 2017 Status report
- Results of the 2018 Call for Proposals
- Discussion and validation of the procedure to process the yearly Call for Proposals
- Renewal of the LIA agreement
- Information on the status of the UMI project
- French Co-Chair-Person of the Committee
- Location of the next FCPPL Workshop
- AOB