

The 2nd JSPS Core-to-core Seminar on “Strangeness Nuclear Physics by Electron Beams”

- # Hall A/C Hypernuclear joint meeting**
- # HKS/HES collaboration meeting**
- # Strangeness nuclear physics meeting**

**December 15-16, 2009
@ Istituto Superiore di Sanita**

JSPS Core-to-Core Program

OBJECTIVE

This program works to create world-class research hubs and foster young researchers through networking to advance multilateral collaboration in cutting-edge fields of science among the most advanced research institutions in Japan and the following countries: The **US**, Canada, Austria, Belgium, Finland, France, **Germany, Italy**, the Netherlands, Spain, Sweden, Switzerland, the UK, Australia, and New Zealand.



Apply to JSPS

Type B: Integrated Action Initiatives

Project Duration: 2 years

Budget: 20 million yen/year

Selection

Type A: Strategic Research Networks

Project Duration: 3 years

Budget: 10 - 30 million yen/year

JSPS Core to Core collaboration on Strangeness Nuclear Physics by the electromagnetic interaction

- Stimulating and expanding investigation of new forms of matter with strangeness degree of freedom, which also help reveal physics of compact stars and the early universe
- Major investment for JLab hypernuclear spectroscopy experiments
- Mobility of students and young scientists under global cooperation in strangeness nuclear physics

Global cooperation extended from Tohoku-JLab collaboration

**Germany
Mainz U.
MAMI-C 1.5 GeV
Continuous electron beam**

**USA
Jefferson National Lab. (JLab)
CEBAF 6 GeV Continuous electron beam (Virginia)**

**Italy
INFN
JLab Hall A**

**USA
Hampton Univ.
Florida International U.
JLab Hall C**

**Letter of Interest
2006**

**Strangeness nuclear physics
Hypernuclear Spectroscopy**

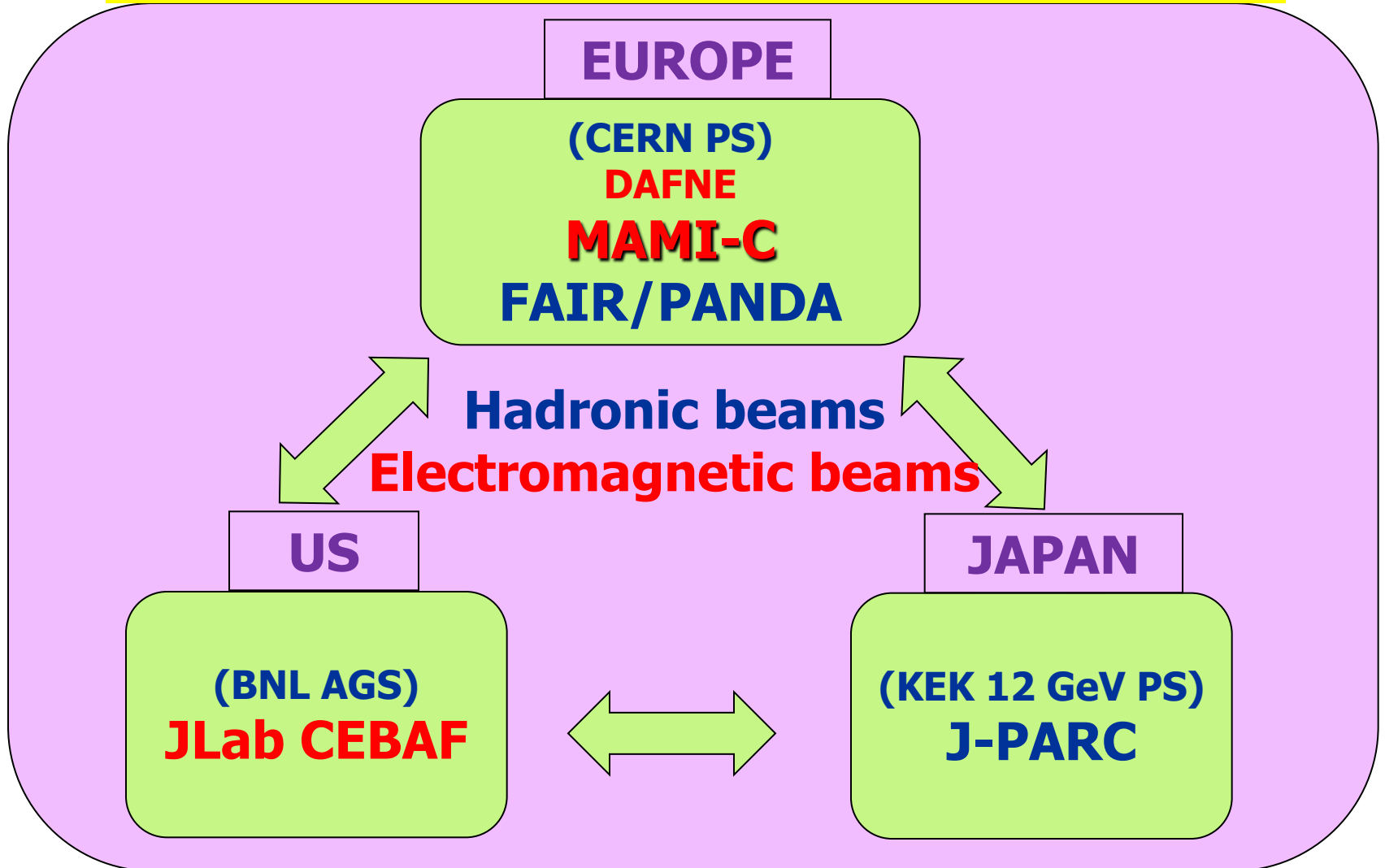
**MOU: SNP Collaboration
(Tohoku Univ. - JLab)**

**2003-2008
2008-2013**

**Tohoku University
Strangeness Nuclear Physics Group
with Yamagata U & KEK
Laboratory of Nuclear Study (LNS)
1.2 GeV electron accelerator
Tagged photon beam**

**High Intensity Proton Beam Accelerator Complex (J-PARC)
Center for strangeness nuclear physics by hadronic beams**

Accelerator Facilities for Hypernuclear Physics



World Hub for Strangeness Nuclear Physics by electron and hadron beams

