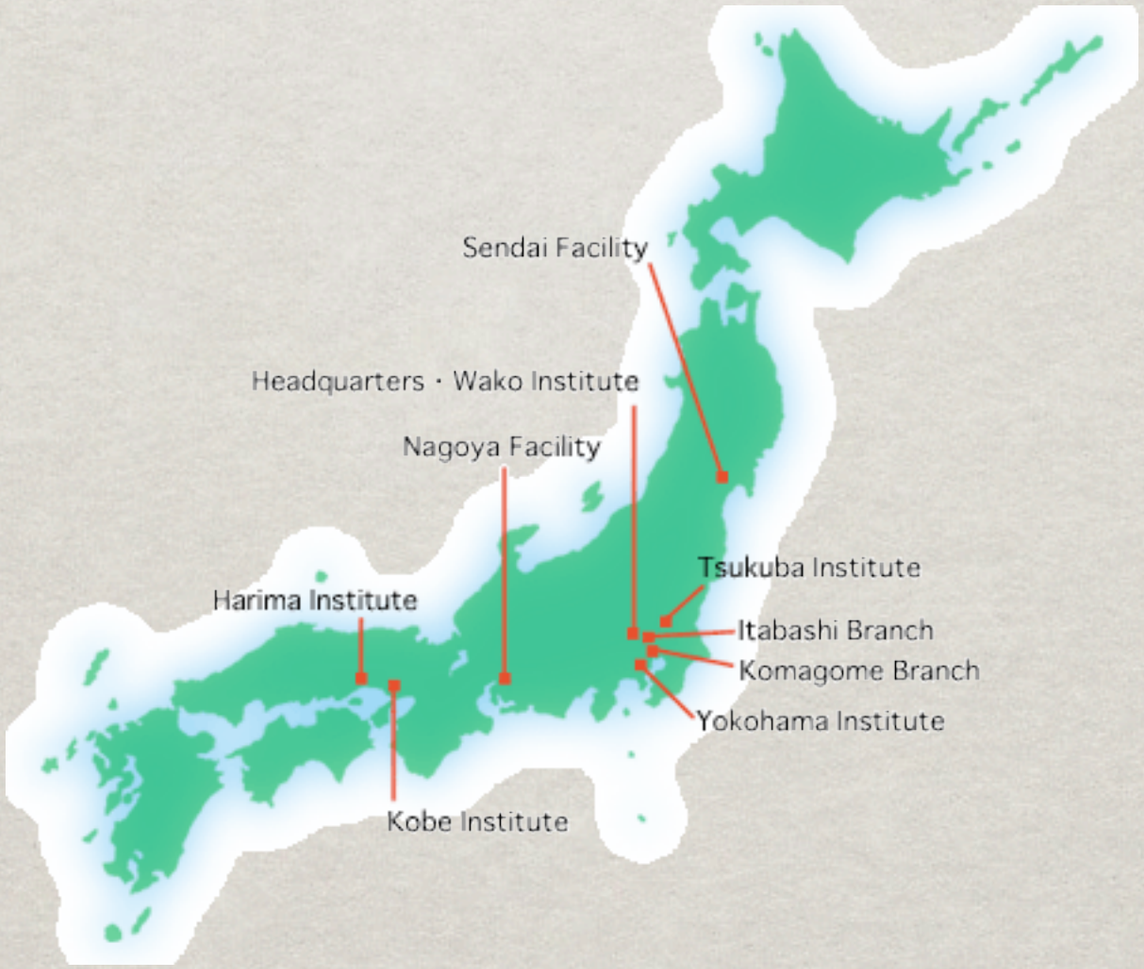
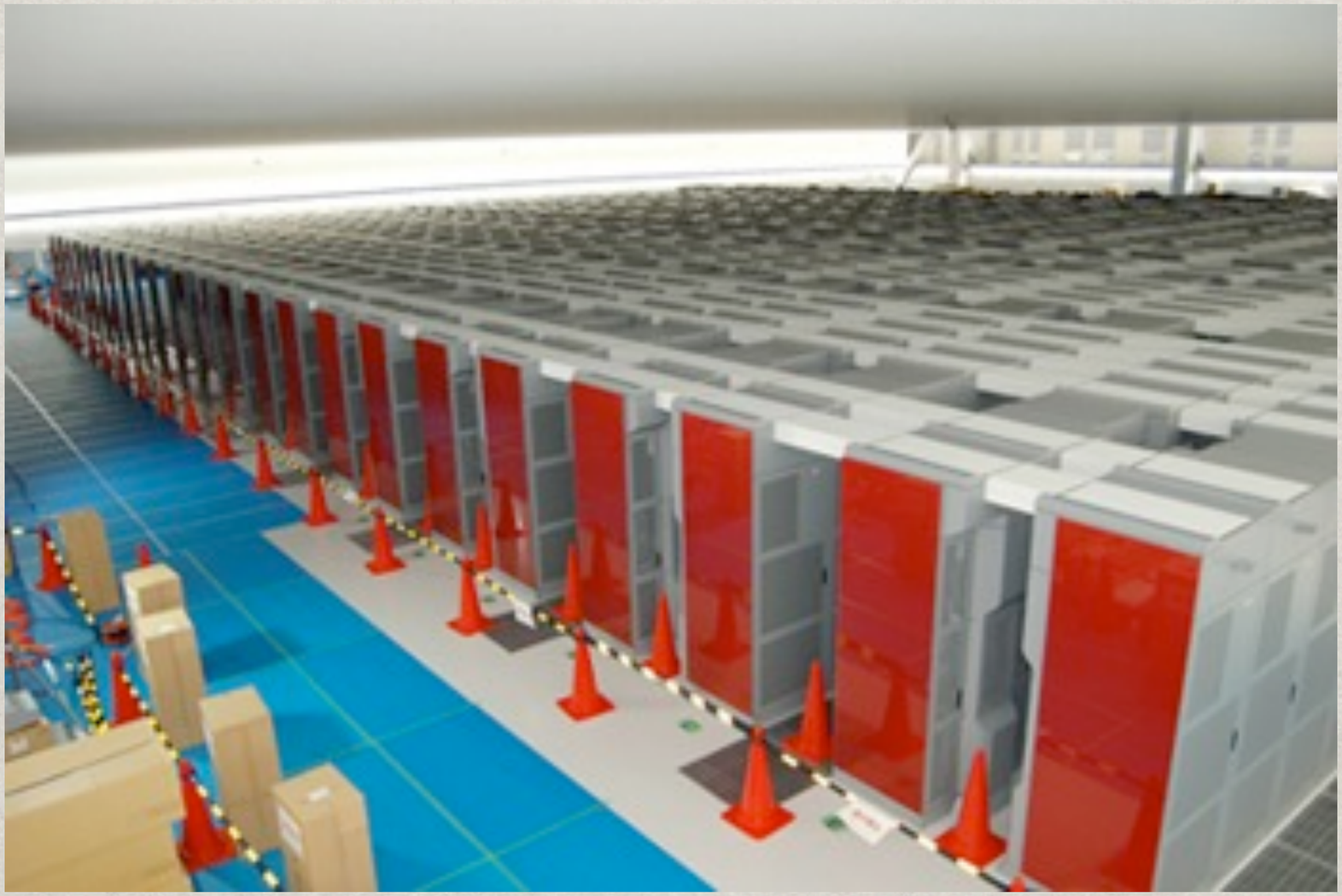
Future Plan

Y. Ma

RIKEN(理化学研究所)

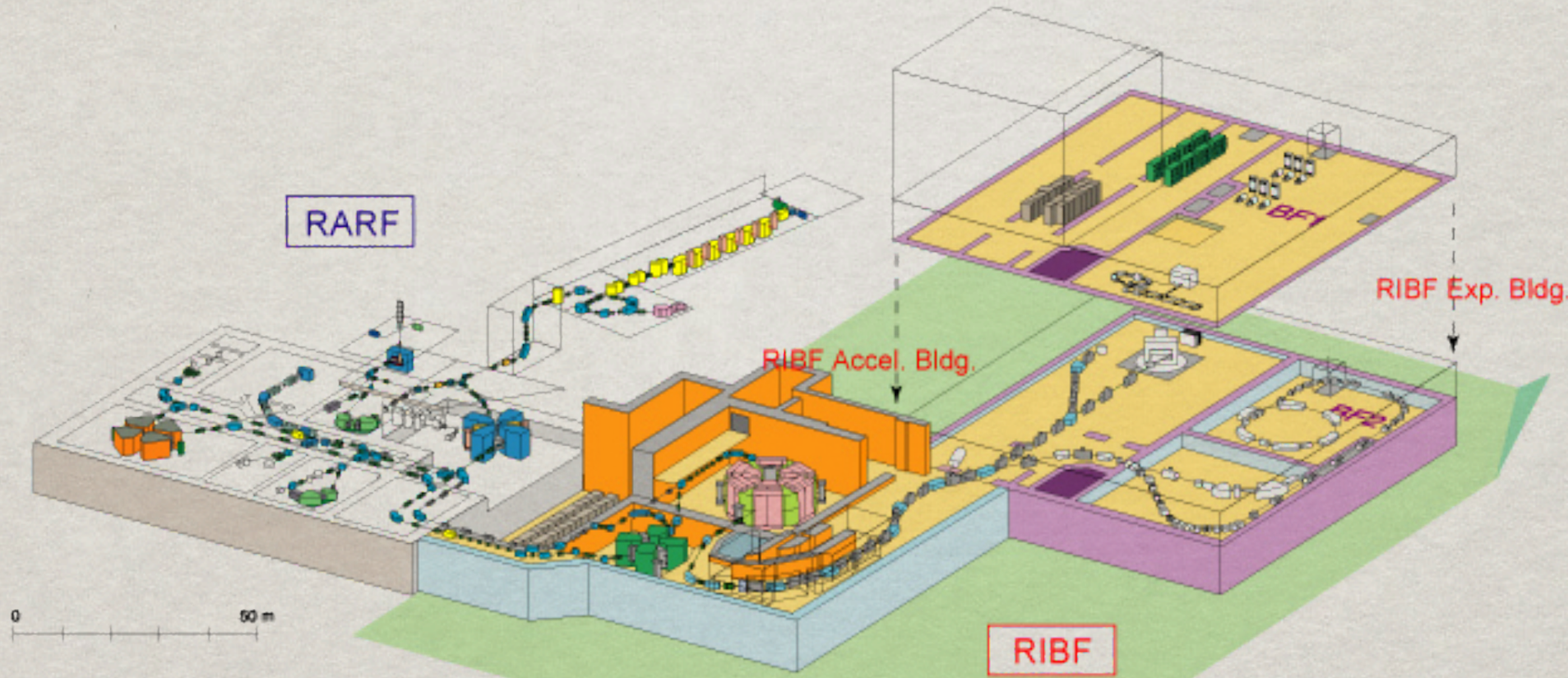


RIKEN:Computing



RIKEN:SPring-8

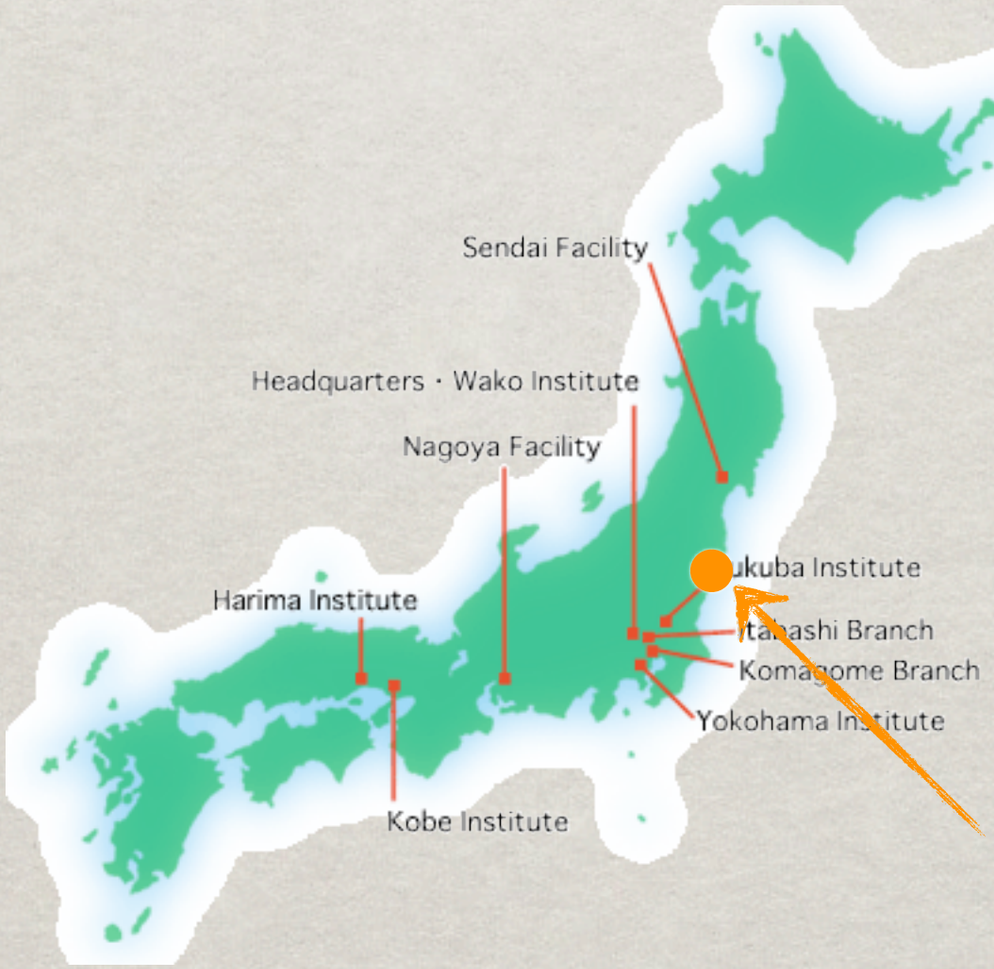
RIKEN:RIBF



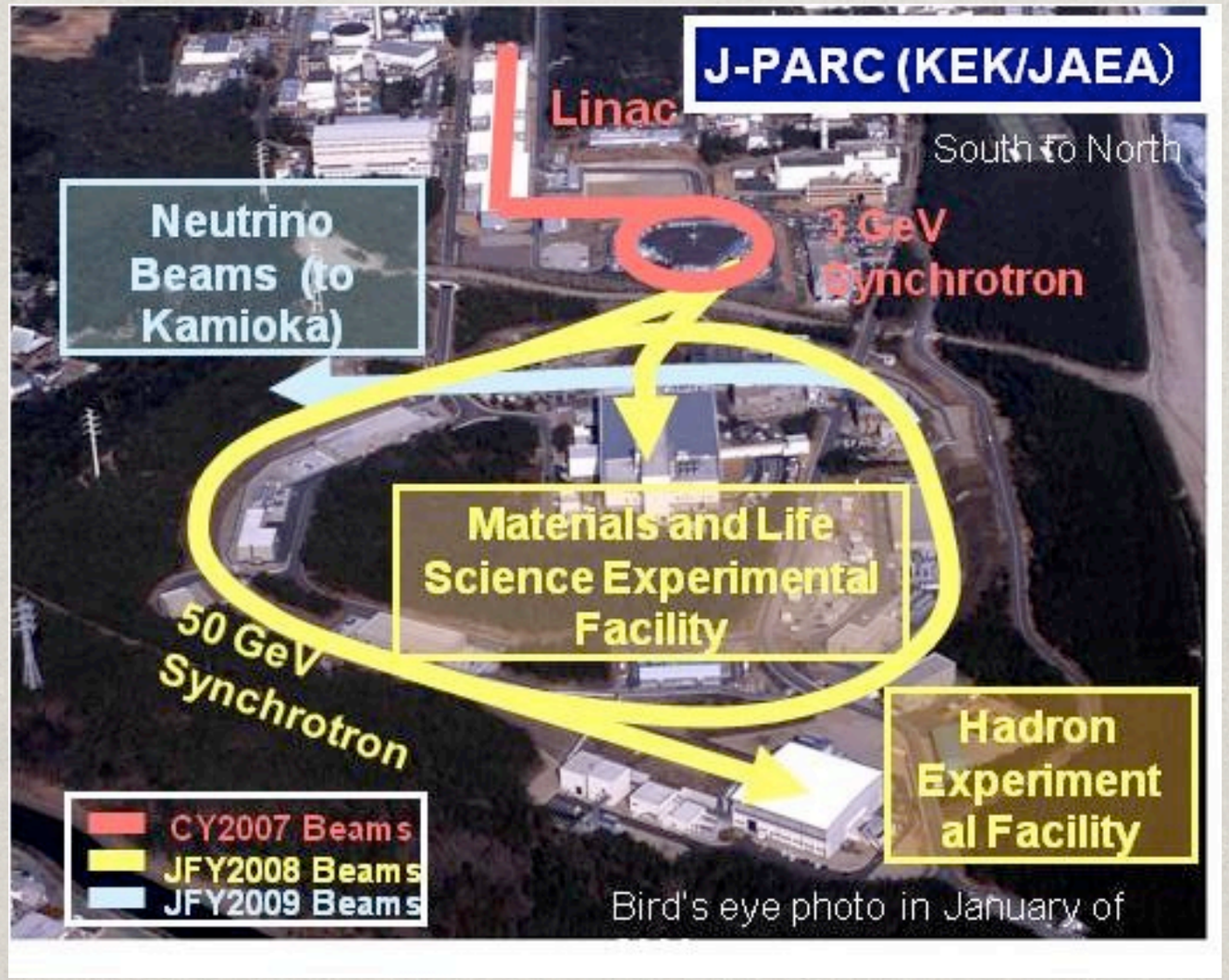
RIBF RI beam generator
featuring superconducting ring cyclotron (SRC)
and projectile fragment separator (BigRIPS)
will be commissioned late in 2006.

RIBF RI beam experiments
will be started in 2007,
with colored experimental installations.

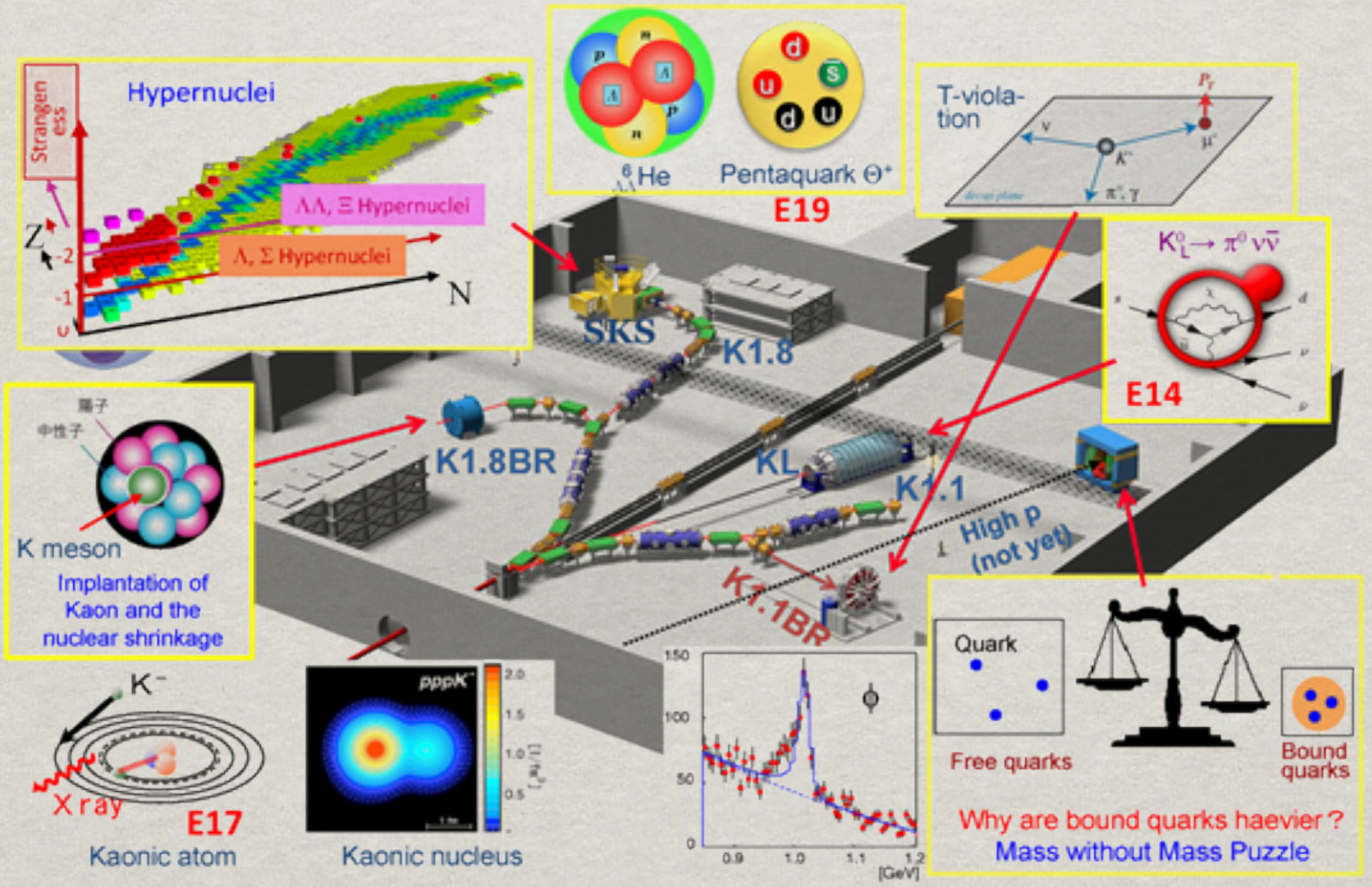
J-PARC


Sendai Facility
Headquarters・Wako Institute
Nagoya Facility
Harima Institute
Kobe Institute
Komagome Branch
Yokohama Institute

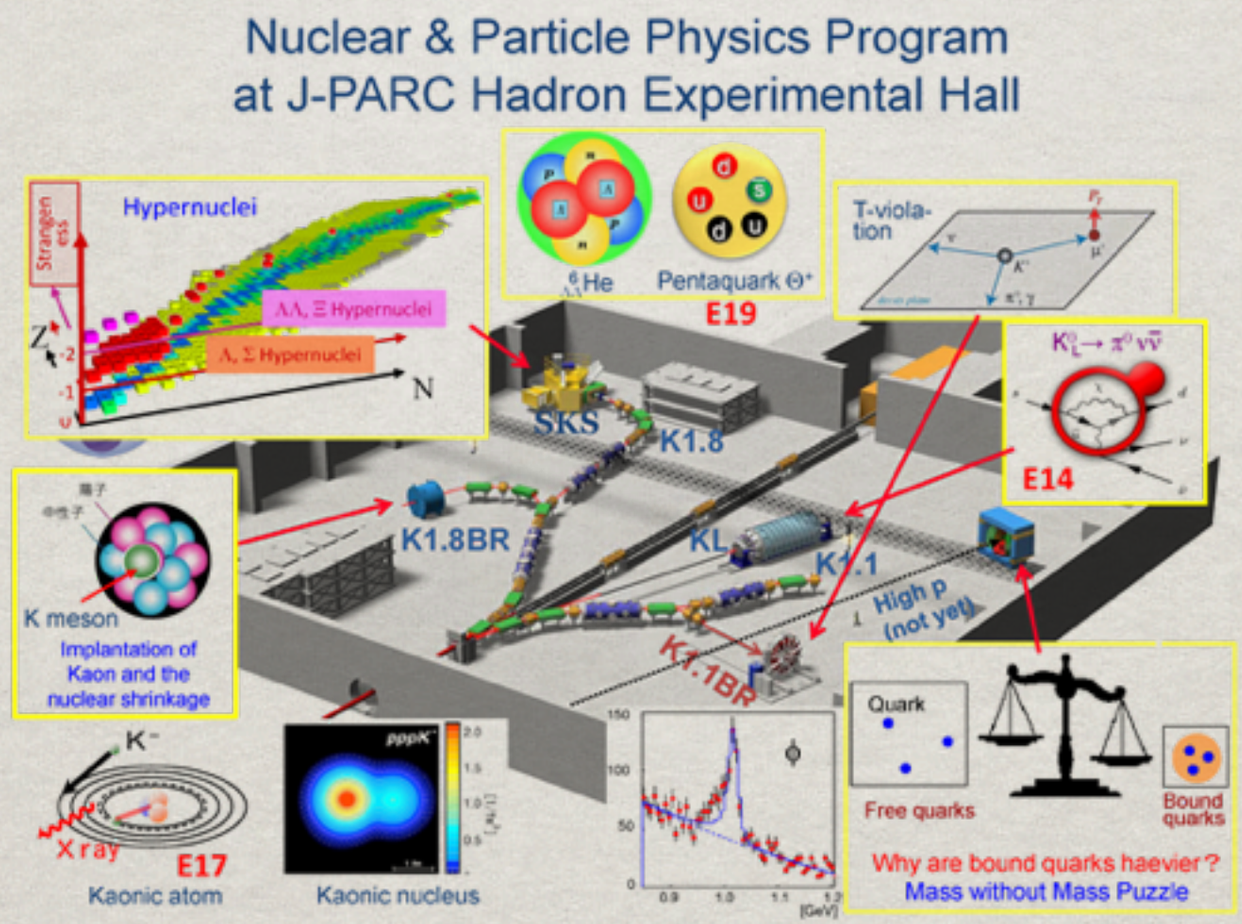
J-PARC


J-PARC (KEK/JAEA)
Linac
South to North
3 GeV
Synchrotron
Neutrino
Beams (to
Kamioka)
Materials and Life
Science Experimental
Facility
50 GeV
Synchrotron
Hadron
Experiment
al Facility
CY2007 Beams
JFY2008 Beams
JFY2009 Beams
Bird's eye photo in January of

J-PARC


Nuclear & Particle Physics Program
at J-PARC Hadron Experimental Hall
Hypernuclei
Strangeness
ΛΛ, Ξ Hypernuclei
Λ, Σ Hypernuclei
Z
N
$^{6}_{ΛΛ}$He
Pentaquark Θ+
E19
T-violation
$K^0_L \to \pi^0 \nu\bar{\nu}$
E14
SKS
K1.8
K1.8BR
KL
K1.1
High p (not yet)
K1.1BR
K meson
Implantation of Kaon and the nuclear shrinkage
K⁻
X ray
E17
Kaonic atom
pppK⁻
Kaonic nucleus
Quark
Free quarks
Bound quarks
Why are bound quarks haevier ?
Mass without Mass Puzzle

RIKEN-JPARC CENTER?



pbar beam?

high momentum meson beam?

general purpose spectrometer?

Dear all,

Whatever comes out in future,
thank you very much for the time
we spent together!

best wishes,

yours