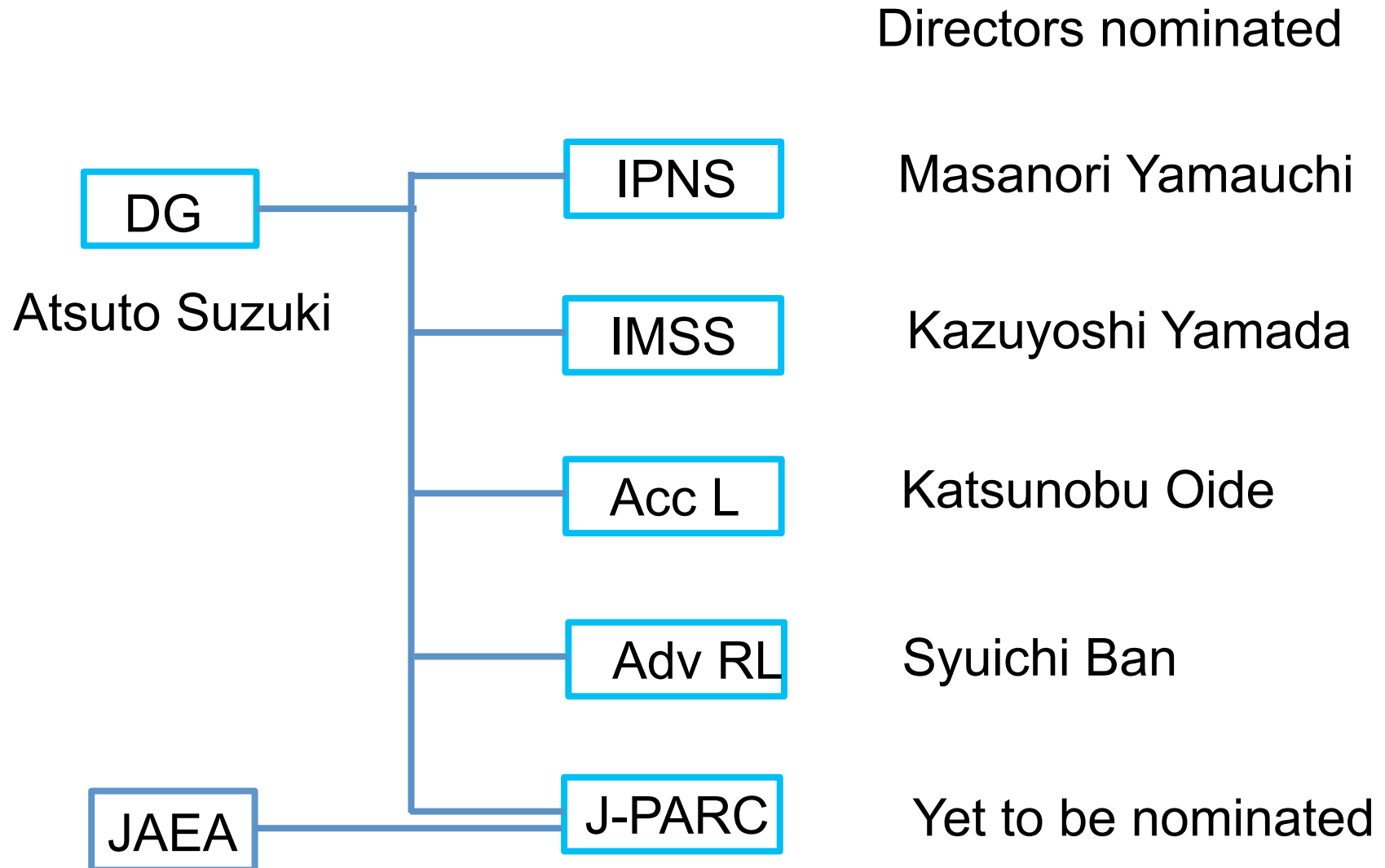


KEK's Roadmap

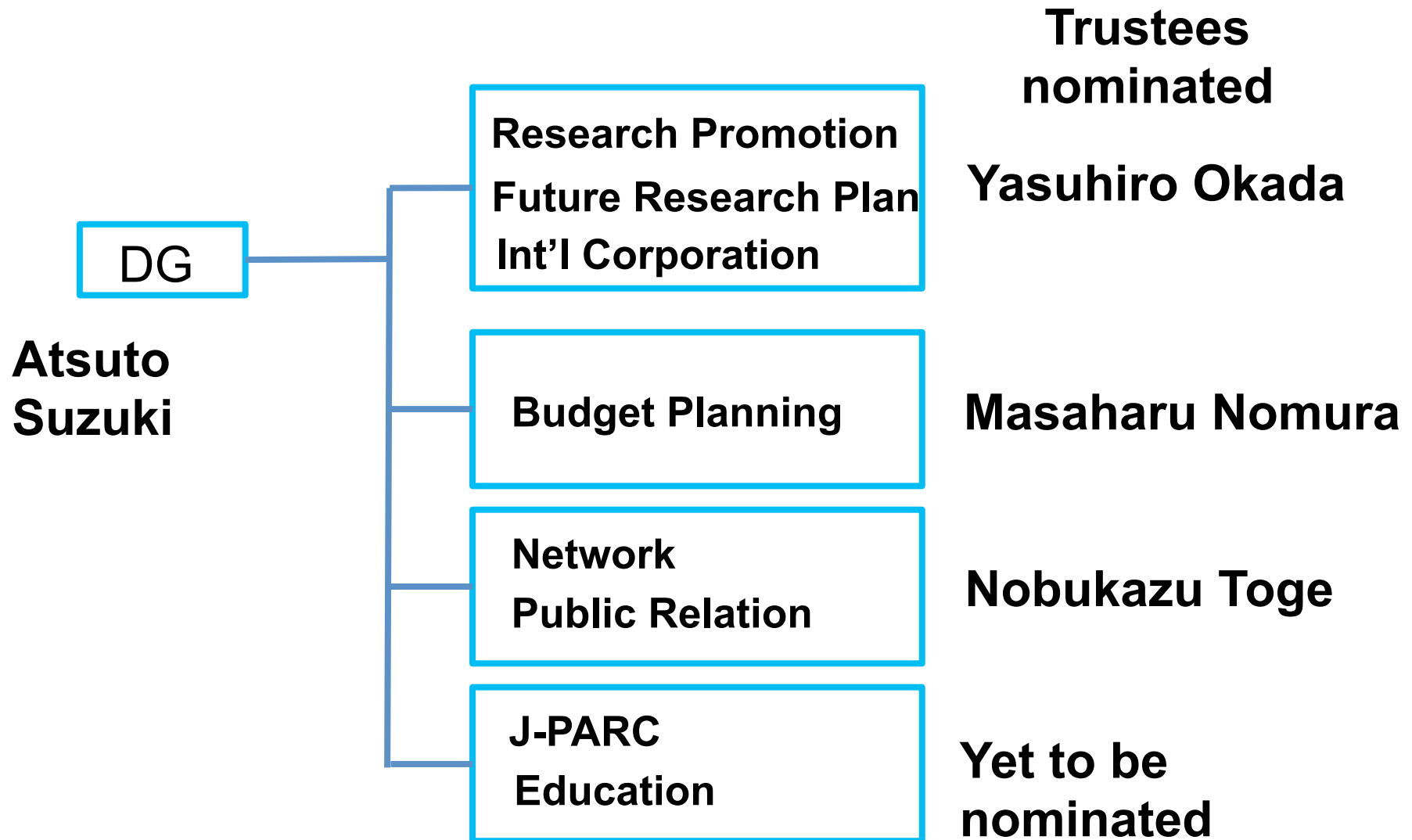
Fumihiko Takasaki

KEKB-Review 21/2/2012

New Management Structure



New Management Structure



KEK's Roadmap

**Form a Taskforce within KEK
for the Roadmap**



**Consultation with the Research
Communities**



International Review

Facilities for Research at KEK

Two Campuses of KEK

Tsukuba

Electron LINAC
Super-KEKB Ring
Photon Factories
Acc. Test Facilities

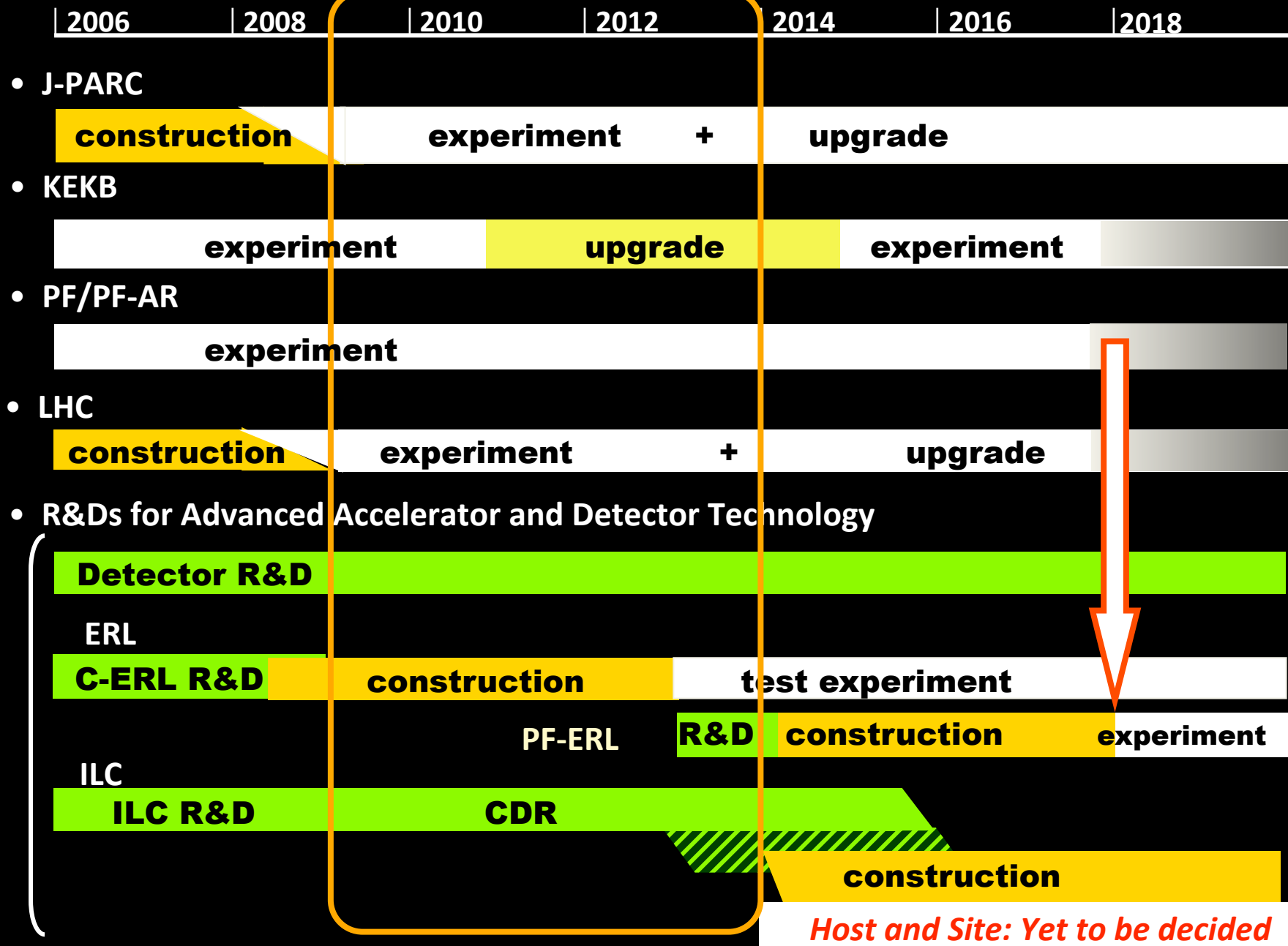


Tokai

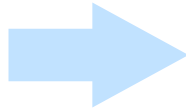
J-PARC
Proton LINAC
RCS
Main Ring



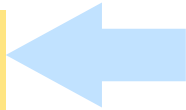
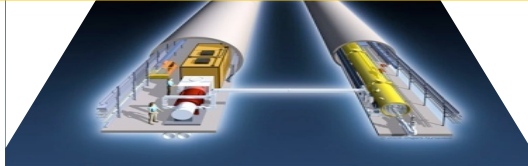
KEK Roadmap (2009 – 2013)



Quest for Birth-Evolution of Universe



International Linear Collider (ILC)



Quest for Unifying Matter and Force

Lepton CP Asymmetry
Beam Power-Upgrade

J-PARC



Scientific Activities
Technology Innovation
Talented Human Resources

Operation Power-Upgrade



LHC

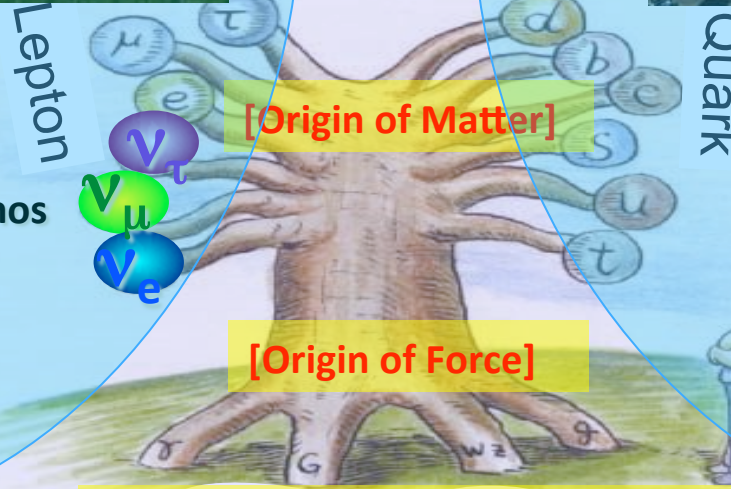
Beyond Standard Physics

SuperKEKB



KEK-B

Quark CP Asymmetry



[Origin of Matter]

[Origin of Force]

Higgs Particle [Origin of Mass]

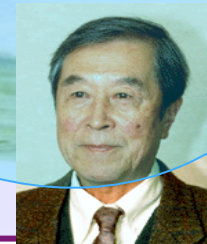
Quest for Neutrinos



Quark



Quest for 6 Quarks



New Direction ???

- **Non Accelerator Science**
Astro-particle Physics
- **New Idea for Accelerator Science**
- **Computer Science**