Comments on Future Plan at ATF/ATF2

- 1. Financial Consideration
- 2. Requirements of New Proposal
- 3. Requirements of Global Organization

(10th ATF2 Project Meeting at KEK, 02 July 2010)

1. Financial Consideration

Image of the Strategy for Particle Physics Projects In Japan

















2. Requirements of New Proposal

ATF Schedule

СҮ	2010	2011	2012	2013	2014	2015
Low emittance beam	A Beam tuning 10 pm → 1pm					
	 DR BPM upgr	ade				
Stabilize Multi Bunch	LINAC/DR adjustment					
Fast Kicker	Beam tuning(3,6,9) operati		eration	Operation (extract multi		
(extract multi bunch)				bunch)		
		•				
ATF2 35 nm beam size	Adj. Shintake r	nonitor				
(Single Bunch)	Beam tuning	verification	35nm opera	on		
Stabilize ATF2 2 nm beam	R&D (2nmBPN	I, Fast FB)				
(Multi Bunch)			Ream tuning	2nm stability P	2nm on	eration
			Dean turning			
CCED Quikration beam test					Install	
SC FD-Q VIbration beam test	design	fabrication	SC	Q test (BNL)	Be	am test
	Cryocooler (K	EK)				

Starting Point for the GDE



3. Requirements of Global Organization

Globalization of Projects



<u>Risk and Incompleteness</u> in One World-Big Laboratory

Globalization of International Collaboration for Big Science Projects

Key Concept for Globalization

- Each of world HEP-labs, which wishes to participate, sets up its branch within Multinational-Lab. These participating HEP-labs are called member-labs.
- This Multinational-Lab is virtually built inside the host laboratory.
- The member-labs contribute in sharing the human resources and the financial resources (Common fund, Contingency and In-kind contributions)..
- In order to assure that experimental physicists across the world gain access to the projects, various kinds of participating form should be arranged.

