

# Greeting for 9<sup>th</sup> TB/SGC joint meeting



# Accelerator Test Facility



Cavity BPM / FONT

**ATF2 beam line (beam commissioning started from end of 2008)**

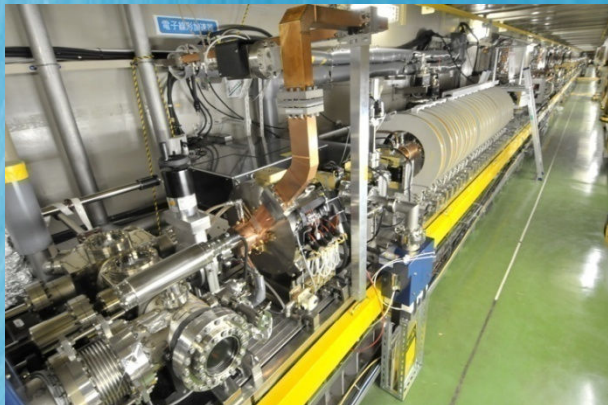
ATF2 beam line

Fast kicker

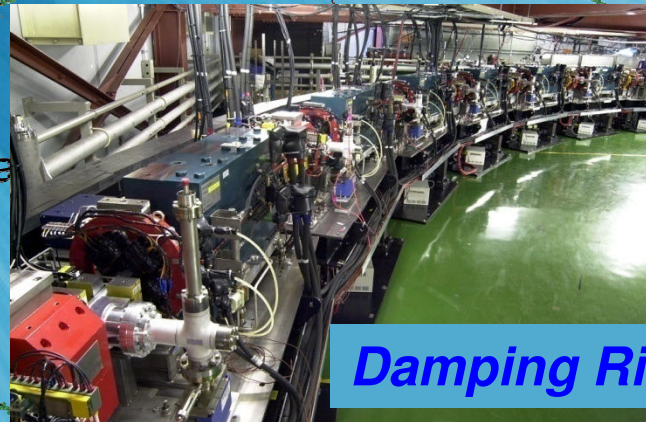
Extraction line

Da

Damping Ring



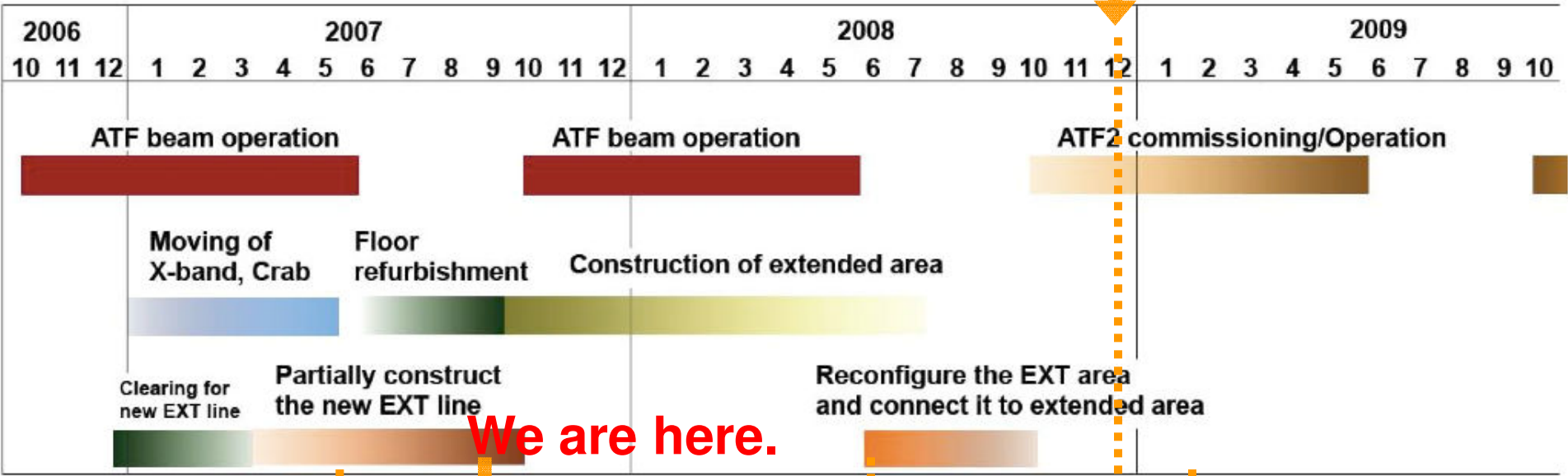
**Photo-cathode RF gun**  
(electron source)



**S-band Linac**  
 $\Delta f$  ECS for multi-bunch beam



ATF2 ON



We are here.



2009												2010						2011			
6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
Complete high beta optics.						Complete nominal optics.						<p><b>Confirm design demagnification, resulting in a nominal 35 nm beam size at IP.</b></p>									
Detect $g$ from interference monitor, then confirm first milestone 70nm																					
Preparation of laser-wire, Upgrade of Interference Monitor,						Develop many tuning tools and techniques to confirm beam quality in Damping ring and at ATF2 beam-line,												Stabilize beam orbit			
Upgrade of DR BPM circuit and so on.																					



**I hope we will get a good discussion and results during 9<sup>th</sup> TB meeting.**

**Enjoy End Run Party tomorrow evening.**

**Thank you for your attendance.**