

# Major activities between CERN and KEK (MEXT, Japan) in 2008

- Dec. 7, 07 Second CERN-KEK committee at CERN.
- March 30 Deadline of CERN-Japan Fellows application. -> 2 applications.
- May Selection committee of CERN-Japan Fellows in Japan recommended Toshi Sumida as grade A after interview.
- June 17 Mr. Y. Furukawa (Governor of Saga Prefecture) visited CERN.
- June-Sept 5 students from Japan participated in the CERN summer school programme for 9 weeks. Very successfully.
- Aug. 2 Aymar and Suzuki signed the CERN-KEK Agreement was signed.
- Aug. 11 Mr. M. Naito (Upper House) visited CERN.
- Oct. 1 Mr. H. Katagiri started his academic training at CERN.
- Oct. 21 Mr. T. Yamauchi (MEXT Vice Minister) attended LHC Inauguration.
- Oct. 22 Informal meeting between Japan and CERN.
- Nov. 21 Mr. T. Sakata (MEXT Deputy Minister) visited CERN.
- Dec. 1 Deadline of CERN-Japan Fellows application. -> 5 applications.
- Dec. 12 Third CERN-KEK committee at CERN.



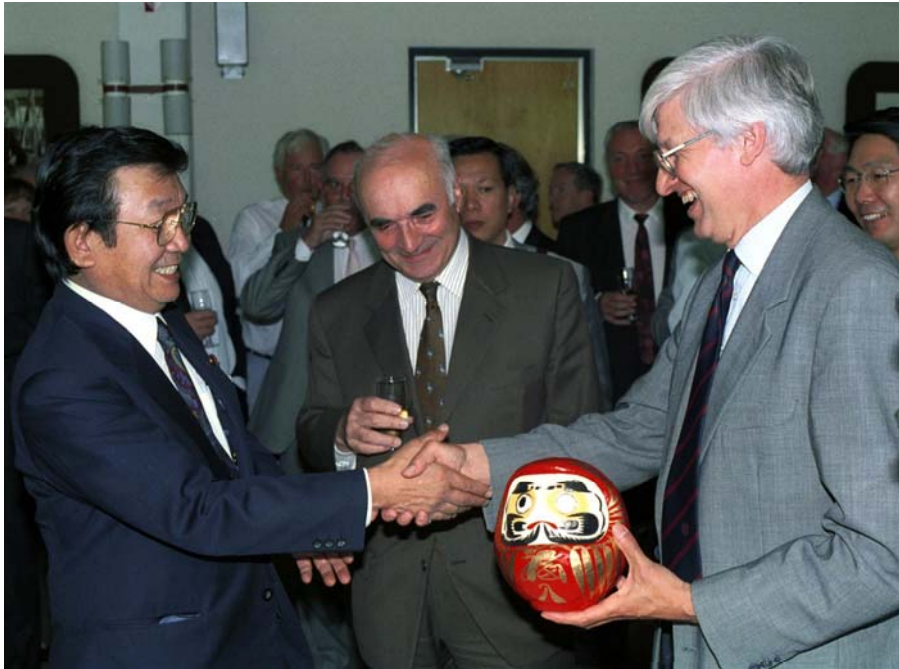
June 17 Mr. Y. Furukawa,  
Governor of Saga Prefecture



Aug. 11 Mr. M. Naito (Upper House)



Nov. 21 Mr. T. Sakata  
(MEXT Deputy Minister)



June 23 1994

Mr. Kaoru Yosano,  
Prof. Hubert Curien  
Dr. Christopher Llewellyn Smith  
at the CERN Council

Oct. 21 2008

Mr. Toshio Yamauchi  
H. E. Mr. Pascal Couchepin  
Prof. Christopher Llewellyn Smith  
Dr. Robert Aymar  
at the LHC Inauguration



## [1] CERN-Japan Fellowship Programme (3 year term)

Apr. 2006 - Mar. 2009	T. Kono	ATLAS Level-2 trigger (N. Ellis)
Sep. 2006 - Aug. 2009	M. Kataoka	ATLAS photon conversion (D. Froidevaux)
Oct. 2006 - Sep. 2009	M. Aiba	LHC injector upgrade (R. Garoby)
Dec. 2007- Nov. 2010	H. Yokoya	Theory
Oct. 2008 – Sep. 2011	T. Sumiya	Atlas Detector Group, Tile cal group

## [2] CERN-Asia Associateship Programme

Apr. 2006 - (TBD)	H. Dang (Beijing)	Cryogenics cooling (F. Haug)
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## [3] Training Programmes of KEK staff at CERN

### (1) Administrative Staff

Oct. 2000 - Oct. 2001	M. Gomita	ATLAS (P. Schmid)
Oct. 2001 - Oct. 2003	H. Koda	ATLAS (M. Nordberg)
Oct. 2003 - Dec. 2004	A. Yamaguchi	ATLAS (M. Nordberg)
Apr. 2005 - Mar. 2007	S. Iwami	ATLAS (M. Nordberg)
Apr. 2007 - Mar. 2009	Y. Kawanishi	ATLAS (M. Nordberg)

### (2) Academic Staff

Oct. 2002 - Jun. 2003	T. Kosuge	Interlock system
Aug. 2003 - Aug. 2004	H. Nakamura	Radiation instrumentation
Apr. 2004 - Mar. 2005	Y. Yasu	DAQ system for ATLAS
Aug. 2005 - Jul. 2006	M. Taira	Chemical environmental impact
Oct. 2006 - Sep. 2007	A. Ueda	High power pulse magnet for LHC
Oct. 2007 – Sep. 2008	H. Nakajima	Works at AB/RF division
Oct. 2008 – Sep. 2009	H. Katagiri	Works at AB/RF division

These programs are supported by the interests of Japanese Fund-in-Trust for LHC.

## CERN Summer Student Programme Participation by Japanese students (M1)

	name selected	affiliation	dates	experiment
<b><u>2004</u></b>	(13 applicants)			
	H. Nakayama	Tokyo	29 June - 20 Aug	C2GT
	Y. Nakahama	Tokyo	29 June - 20 Aug	ATLAS
	Y. Nakashima	Tokyo	6 July - 27 Aug	ATLAS
<b><u>2005</u></b>	(8 applicants)			
	Y. Mazuka	Nagoya	28 Jun - 19 Aug	CMS
	E. Kamagata	Toho	5 July - 26 Aug	HARP
	M. Ouchida	Hiroshima	5 July - 26 Aug	ALICE
<b><u>2006</u></b>	(5 applicants)			
	T. Kobayashi	Tokyo	4 July - 25 Aug	COMPASS
	Y. Takahashi	Nagoya	20 June - 11 Aug	LHCb
	Y. Okumura	Nagoya	20 June - 11 Aug	ATLAS
<b><u>2007</u></b>	(15 applicants)			
	R. Sasaki	Tohoku	26 June – 31 Aug	TOTEM
	H. Miyatake	Tokyo	26 June – 31 Aug	ATLAS
	M. Sano	Tsukuba	26 June – 31 Aug	ALICE
	H. Oide	Tokyo	3 July – 7 Sep	CMS
	M. Oroku	Tokyo	17 July – 21 Sep	CMS
<b><u>2008</u></b>	(22 applicants)			
	A. Ishida	Tokyo		NA49
	K. Ieki	Kyoto		CMS
	Y. Watanabe	Tokyo		AB/BI
	Y. Yanagida	Osaka		NA62
	M. Shiraishi	Nagoya		ALICE

## **Agreement on Collaborative Work between CERN and KEK**

### **Article 3 The CERN-KEK Committee**

3.1 The Parties shall establish the CERN-KEK Committee (“the Committee”) whose duty shall be to discuss and monitor the collaboration.  
(not mentioning the monitoring function of Interest Accounts)

### **Letter of Aymar to MEXT in Oct. 2006**

Proposing monitoring the Interest Accounts by CERN-KEK committee

No reply by MEXT yet. MEXT thinks

- Interest of JFiT is a Japan-wide item, not only-KEK item.
- Thus there is a hesitation in MEXT to approve the CERN-KEK.

**How about invite “one or two observers” from Japanese universities to the CERN-KEK committee ?**

## Ad-hoc Review Committee for the CERN-Asian Fellowship Programme

### Proposal for a CERN-Japan Fellowship Programme

November 3, 2004

Jonathan R. Ellis (CERN) Fabiola Gianotti (CERN)  
Takahiko Kondo (KEK), Mitsuaki Nozaki (Kobe)

2. The present CERN-Asia Fellowship programme will be replaced by a new programme, to be called the CERN-Japan Fellowship programme.
11. A review of the new programme should be held in 2009 by a joint team from CERN and Japan.

	2005	2006	2007	2008	2009	2010	2011	
			LHC data taking----->					
New openings	1	2	2	(1)+1	(2)	0	0	
No. of employee	1	3	5	6	6	4	2	
Expenditure (kCHF)	120	360	600	720	720	480	240	
TOTAL	27 person-years, 3.24 MCHF (291 MYen)							

Note: ( ) indicates openings created by the departure of predecessors.

## Ad-hoc Review committee of CERN-Japan Fellowship programme

Kondo's personal suggestion

Two from Japan: Tomio Kobayashi (Tokyo)  
Hisaya Kurashige (Kobe)

One from CERN: Nick Ellis (CERN)

Secretary: Katsuo Tokushuku (KEK)