



SPMS RSC Activities in Asia

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KEK



WWW(Internet)

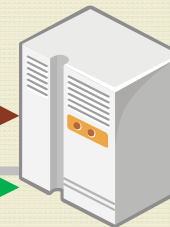


HTTP(or HTTPS)

Oracle Net
(Port 1527)

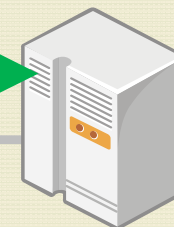
KEK-DMZ

SPMS Web Server spms.kek.jp



Oracle
Application
Server 10g

SPMS DB Server spms2.kek.jp



Oracle Database
11g

SPMS



	SPMS DB Server	SPMS Web Server
OS	Windows2003 Server (64bit)	Windows2003 Server (64bit)
CPU	Core 2 Duo 2.4GHz	Core 2 Duo 2.4GHz
Memory	8 GB	8GB
HDD	500GB x 2 (RAID 1)	500GB x 2 (RAID 1)
Applicat ion	Oracle Database 11g	Application Server 10g

Maintenance

- ❑ Backup database : every day

- ❑ Checking system log:

by East Japan Institute of
Technology Co., Ltd

2 days per week



1 day per week

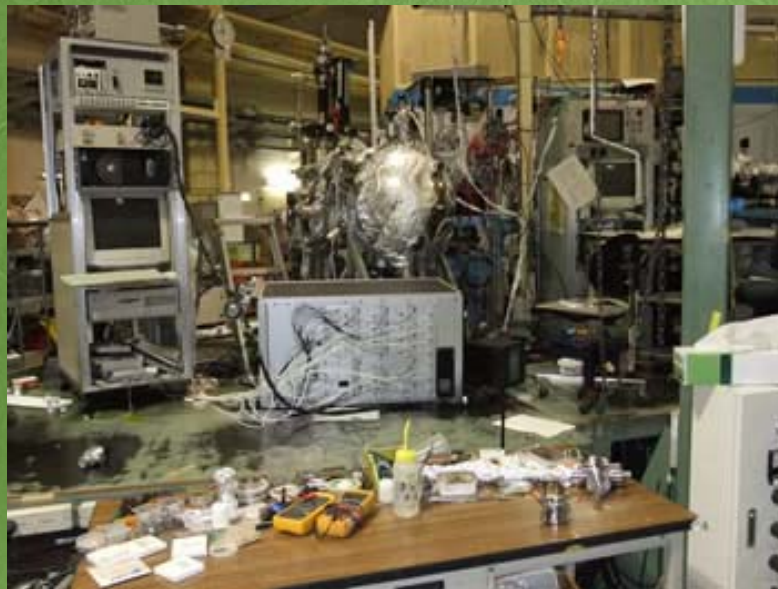
Became stable, decrease the cost

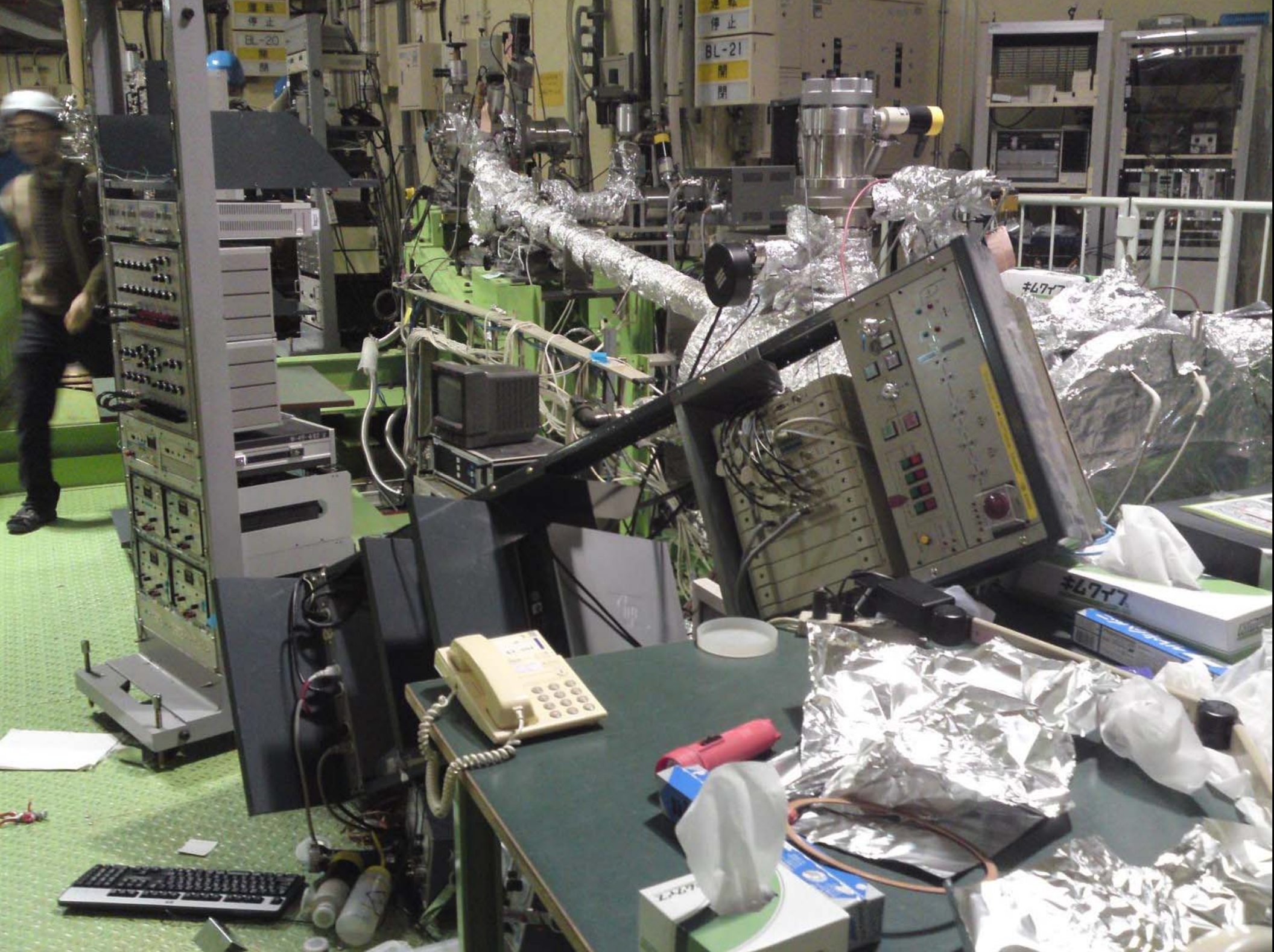
Instances in 2011

- FEL2011
(22-26 August, Shanghai, China)
=> Fermilab
- ERL2011
(16-21 October, Tsukuba, Japan)
- HB2012
(17-21 September, Beijing, China)
- ECRIS'12
(25-28 September, Sydney, Australia)
- IBIC12
(1-4 October, Tsukuba, Japan)

Earthquake on 11 March

- M9.0
- SPMS servers didn't have any damage.
- Lost electricity (almost 2 weeks)















Problem of electricity

- ❑ Tepco (Tokyo Electric Power Company) said, they divide customers into several groups and stop electricity supply in rotation.
- ❑ Actually, They stopped the supply in a few days in March.
=> Stopped trains etc.

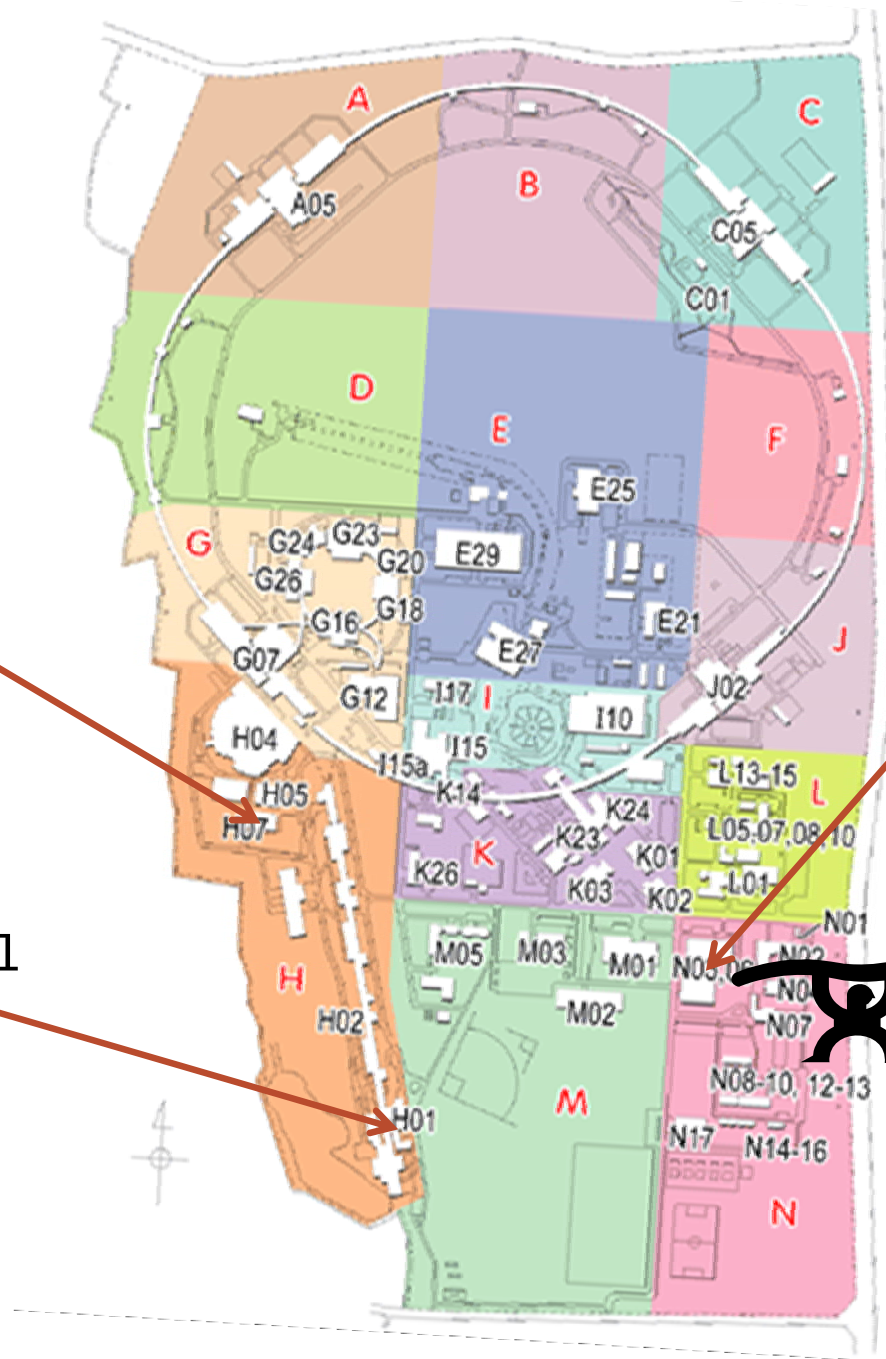
Problem of electricity

- ❑ In a few weeks situation of electricity returned normal.
- ❑ How the summer in 2011?
- ❑ FEL2011 => Fermilab
- ❑ HB2012 => Wait for autumn.
- ❑ Finally, This summer was fine.
(Did Japanese companies and people save electrical energy?)

Stoppage for maintenance

- ❑ We have to stop SPMS in KEK for 2 days every year due to KEK electric power stoppage.
- ❑ 2010, 19 to 20 August.
- ❑ The announcement will be sent by an e-mail.

August						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



My office

KEK Computer Center

Linac control



Recent status

- ❑ Discussing next computer system in KEK is going now.
- ❑ Is installing Oracle DB possible?

If possible,

- ❑ We will get enterprise edition.
- ❑ We don't have to worry about electric power stoppage at KEK maintenance.