



# Summary Gemba Meeting

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# Belle 2 Telescope "Gemba" Meeting

9-10 April 2013 *DESY Hamburg*  
Europe/Berlin timezone

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## Overview

[Scientific Programme](#)

[Timetable](#)

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Discuss all issues related to the Belle 2 Telescope Test in January 2014 including logistics, mechanical integration, cooling, SC and DAQ.

More information: <http://belle2.desy.de>

Testbeam documents: <http://belle2.desy.de/e112734/> (protected)

**Dates:** from 09 April 2013 08:00 to 10 April 2013 18:00

**Timezone:** Europe/Berlin

**Location:** DESY Hamburg

Room: Sem 4a/4b

**Chairs:** Ferber, Torben

Niebuhr, Carsten

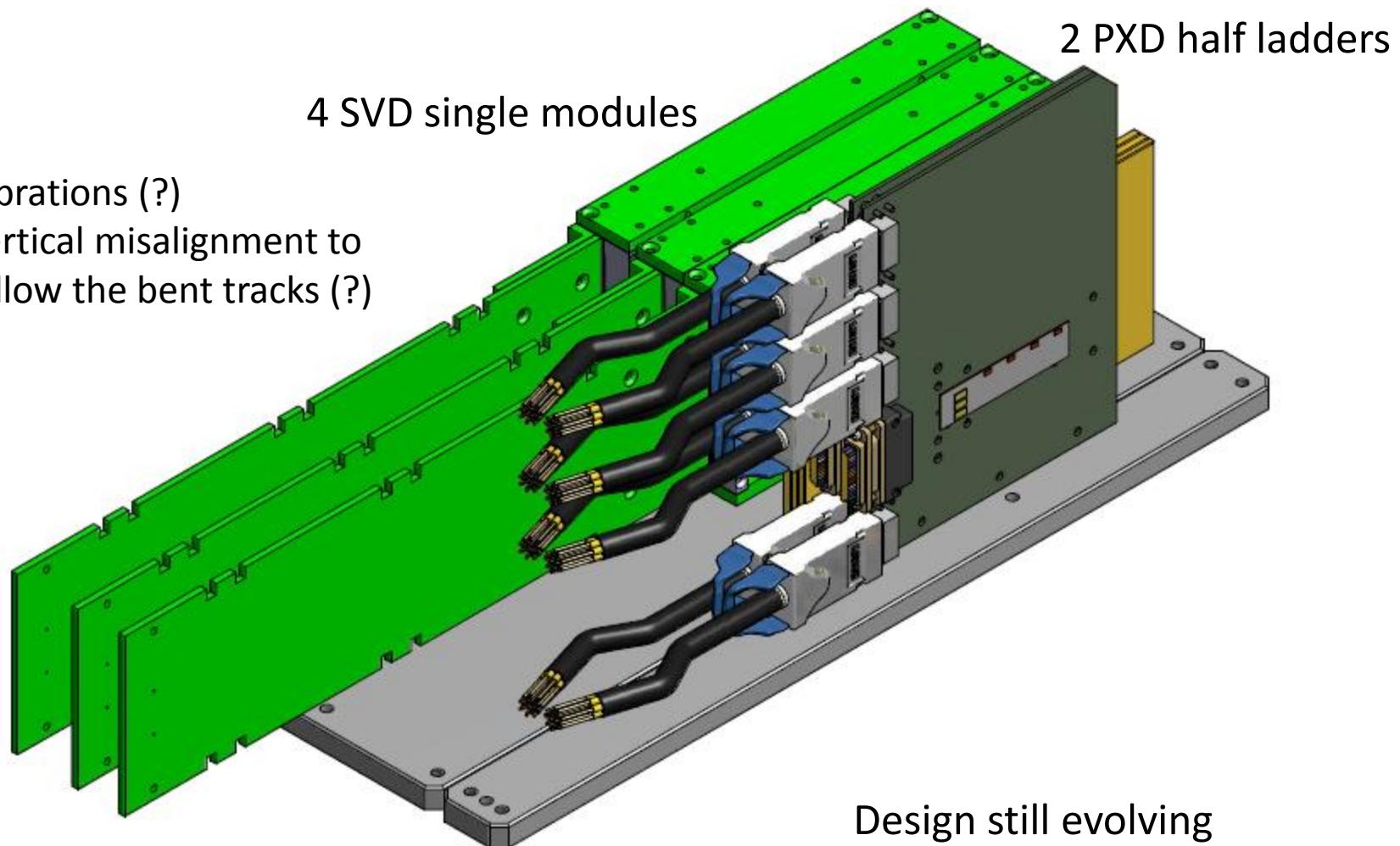
**Material:** Slides

<https://indico.desy.de/conferenceDisplay.py?confId=7572>

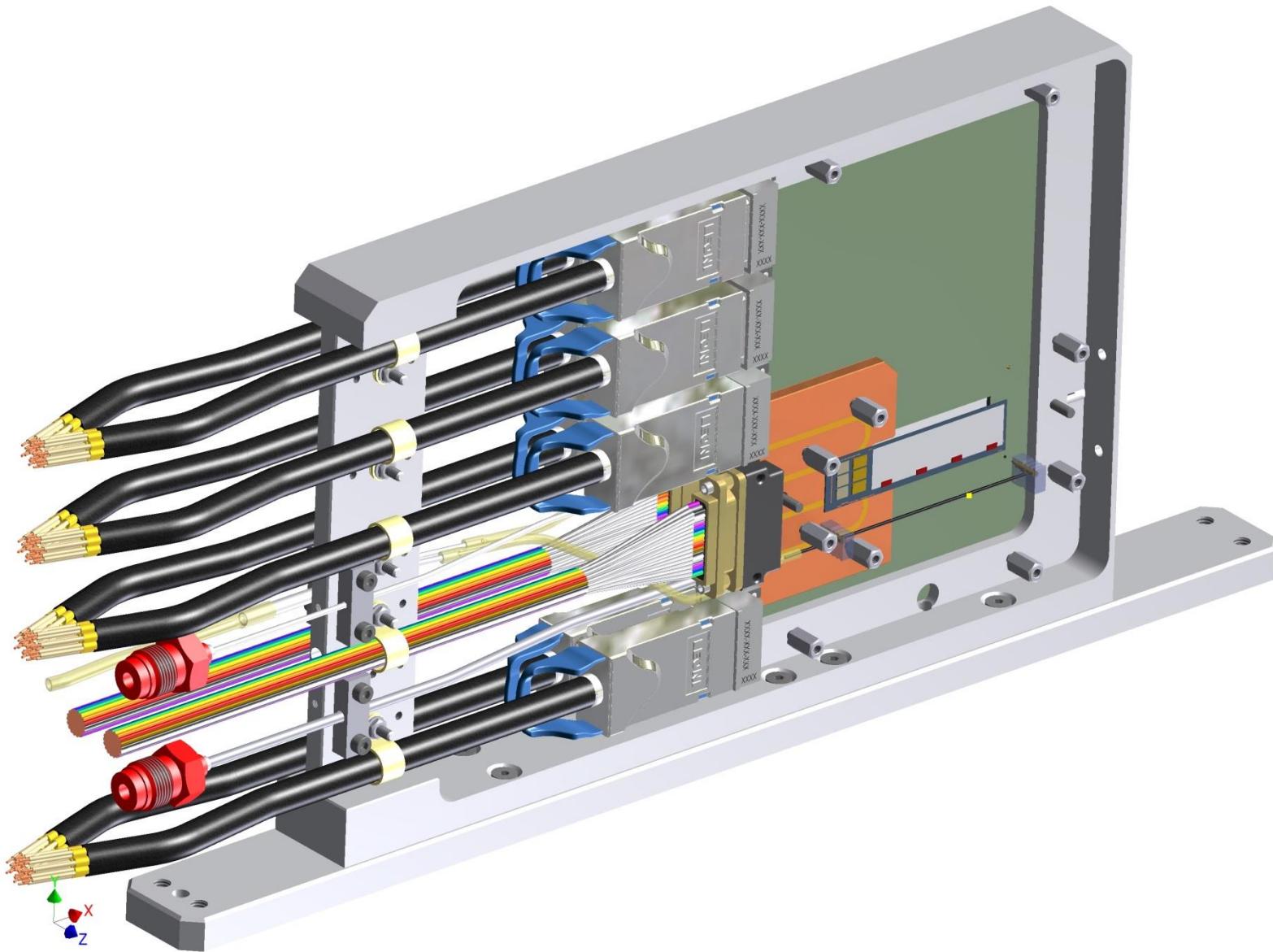
Highlight a couple of ideas from the PXD point of view

# Hybrid 6.0 setup

- Vibrations (?)
- Vertical misalignment to follow the bent tracks (?)

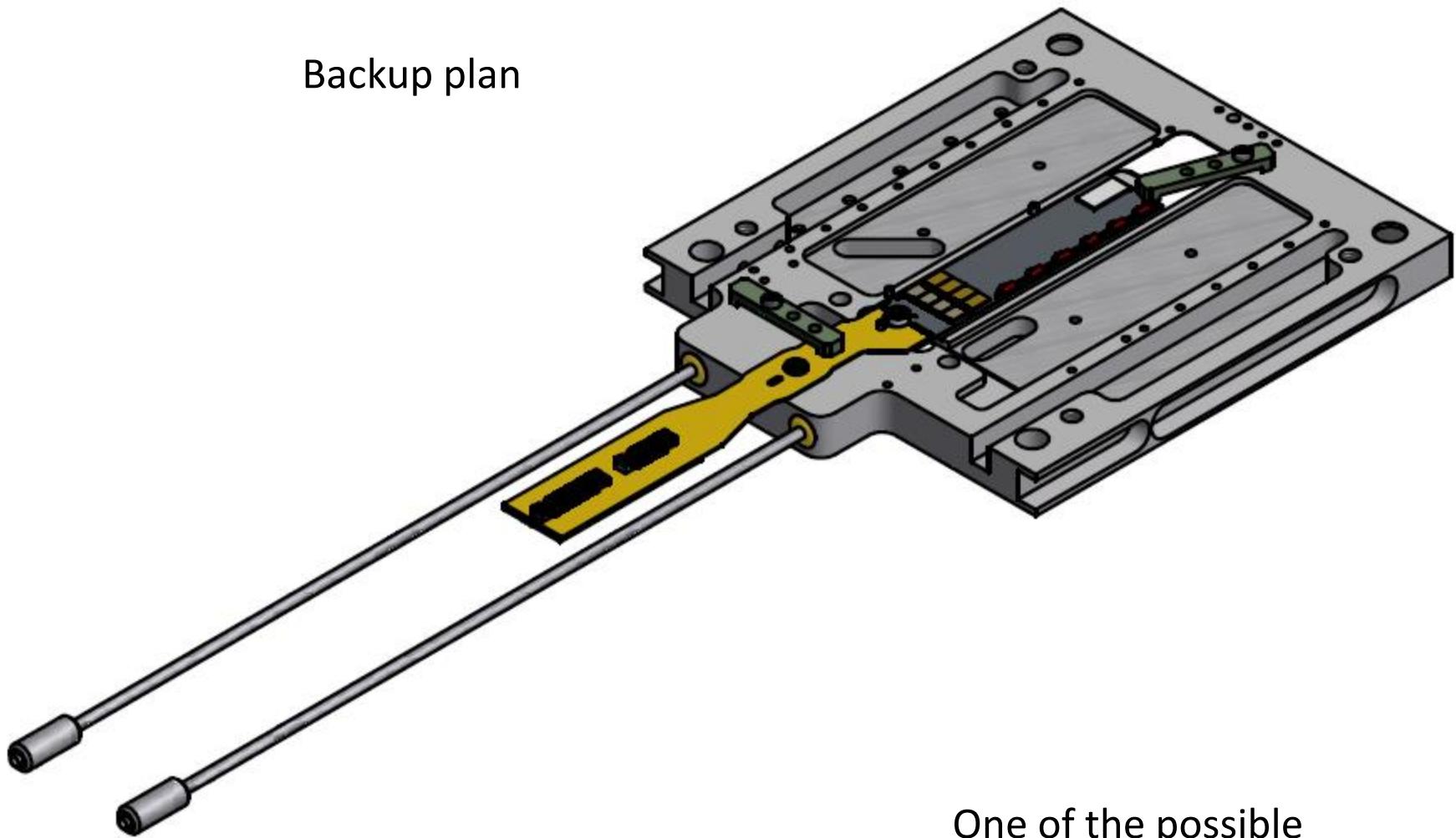


# Hybrid 6.0 setup



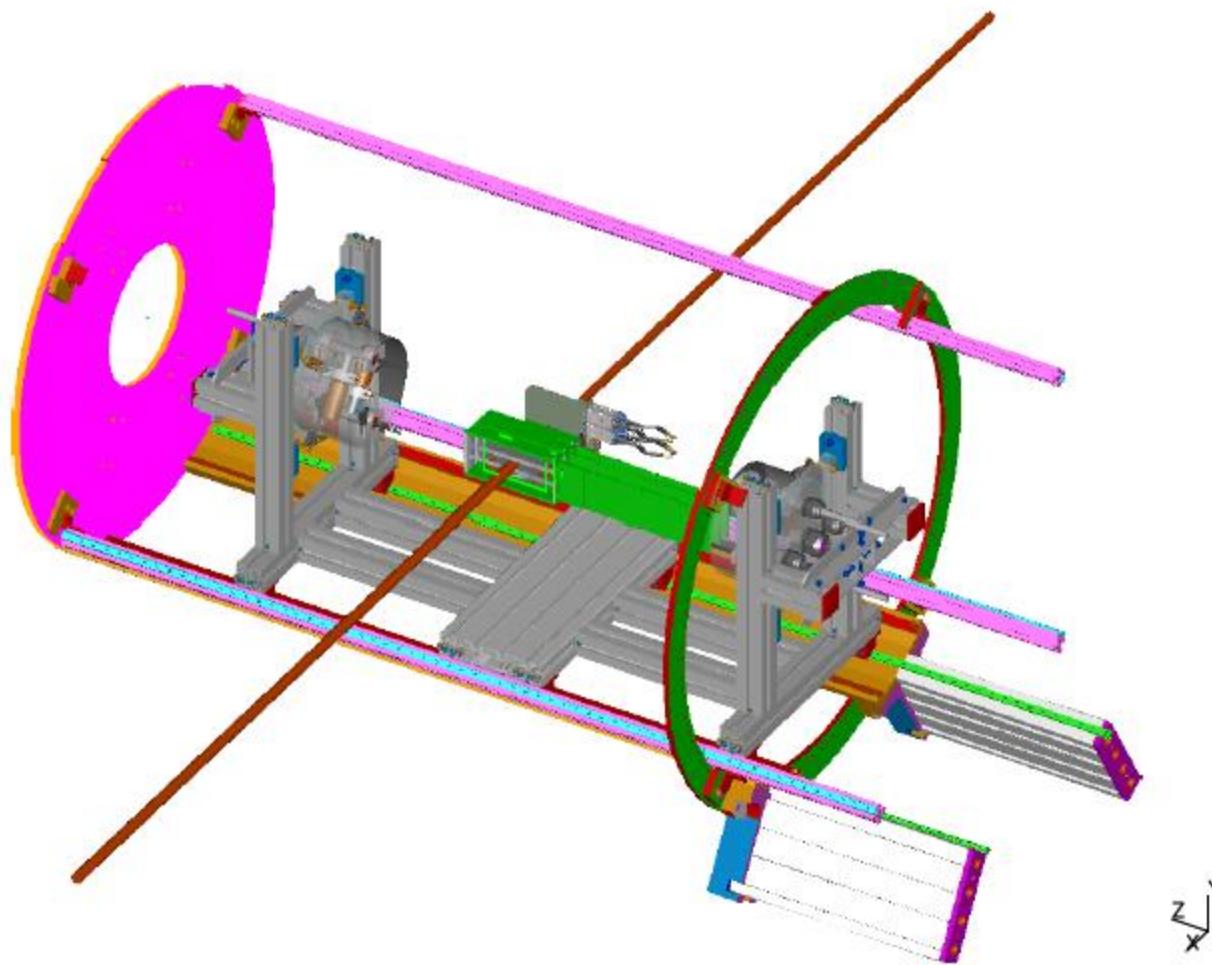
# EMCM setup

Backup plan

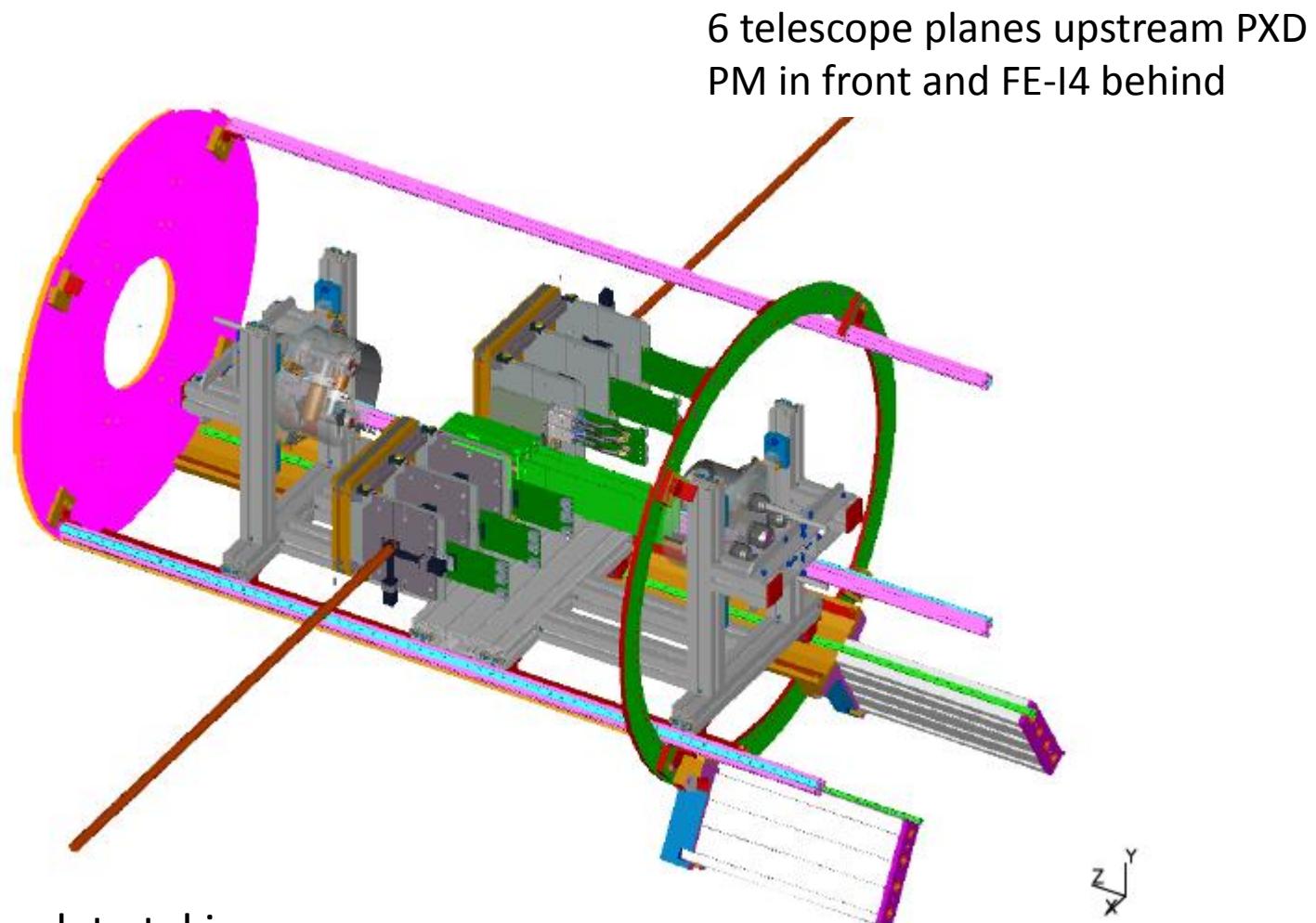


One of the possible  
mechanical options

# Integration into the PCMAG



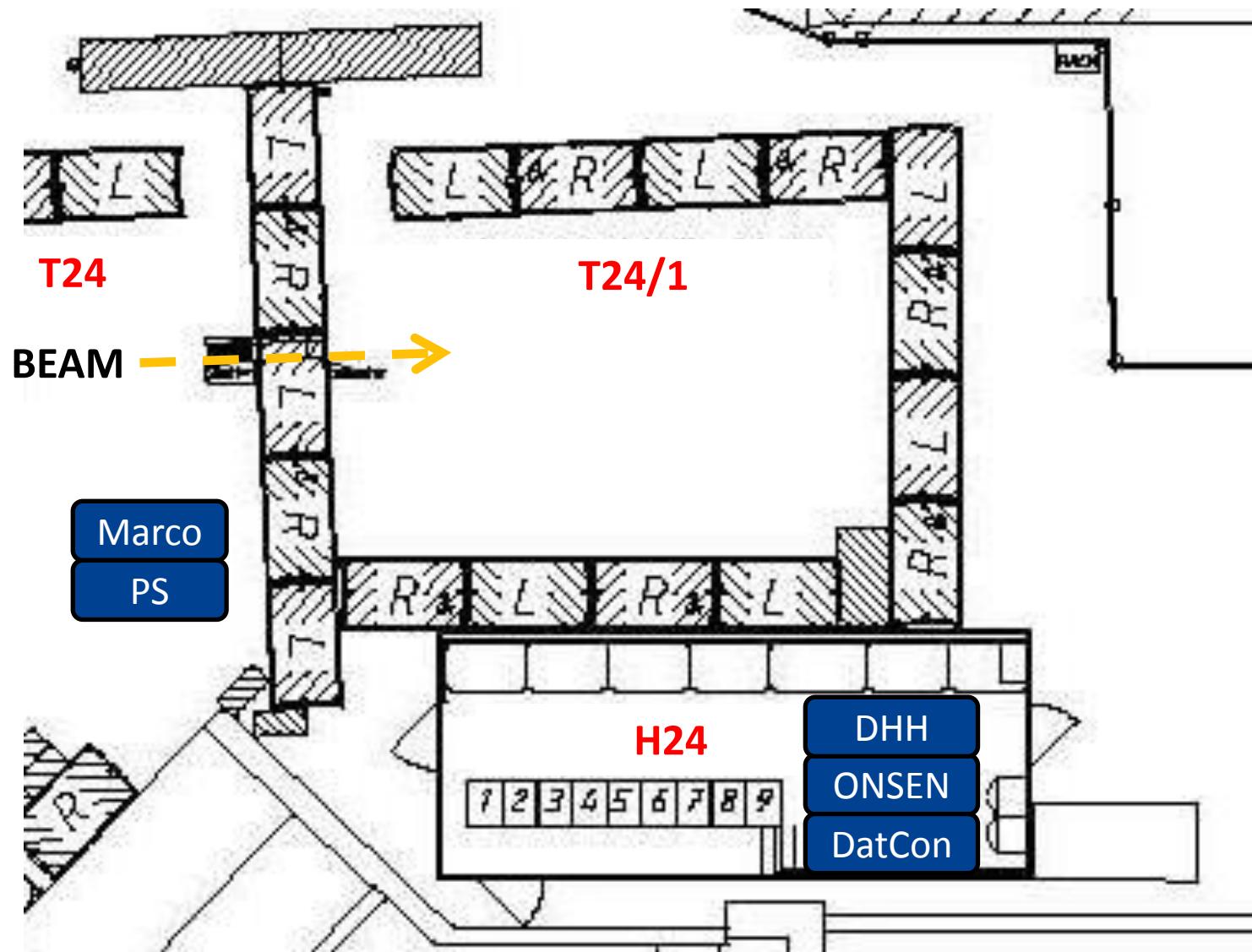
# Integration into the PCMAG



Two stage data taking:

- 1.- Run with telescope: low trigger rate and momentum definition
- 2.- Standalone run: high data rate (>1 kHz) VXD

# Space allocation



# Schedule: VXD Gemba Meeting

As 10 <sup>th</sup> April 2013		Sep., 2013	Oct., 2013	Nov., 2013	Dec., 2013	Jan., 2014
		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
General	B2GM/BGM				1	
PXD	Works on sensors, ASICs, and mechanics		1 2			
	Sensors, ASICs, and mechanics get ready		3	4		
	Integration of DHH, ONSEN, and DATCON			1 2 3 4		
SVD	Works on sensors and mechanics	1 2				
	Sensors and mechanics get ready		3	4		
	Shipment of FADC and FTB to DESY			1	2	
DAQ	Occupied by CDC's beam test		1 2 3 4			
	Shipment of POCKET DAQ to DESY			1		
	Integrated system test of POCKET DAQ in DESY			2 3		
	Itoh-san's unavailability			1		
	Nakao-san's unavailability				1	
PXD+SVD	Dry box and cooling mechanincs assembly			1		
	Cooling system study			2	3	
	Integration of DATCON and SVD				1	
PXD+DAQ	Integrarion of DHH, ONSEN, MIMOSA, and POCKET DAQ			1	2	
SVD+DAQ						
PXD+SVD+DAQ	Fine tuning of the integrated system				1 2 3	
	DESY telescope test					1 2 3



# Thank you

