



# System Integration Update

## OUTLINE

- ✓ Reminder
- ✓ QFD and results
- ✓ Ideas and Issues

**PACMAN internal meeting  
01/09/2014**

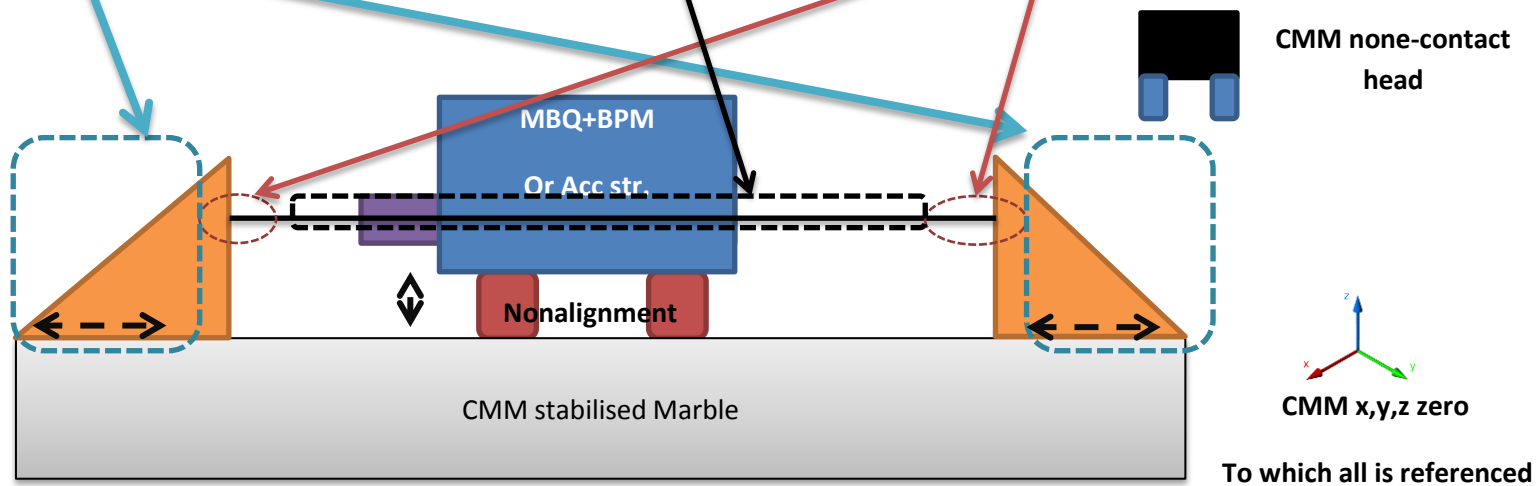
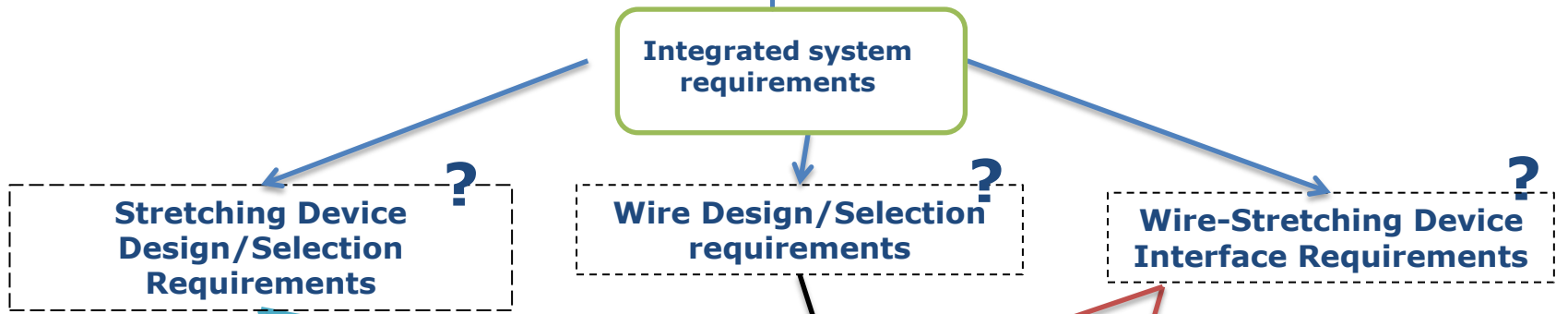
**Iordan Doytchinov**

# System Integration

Clients'

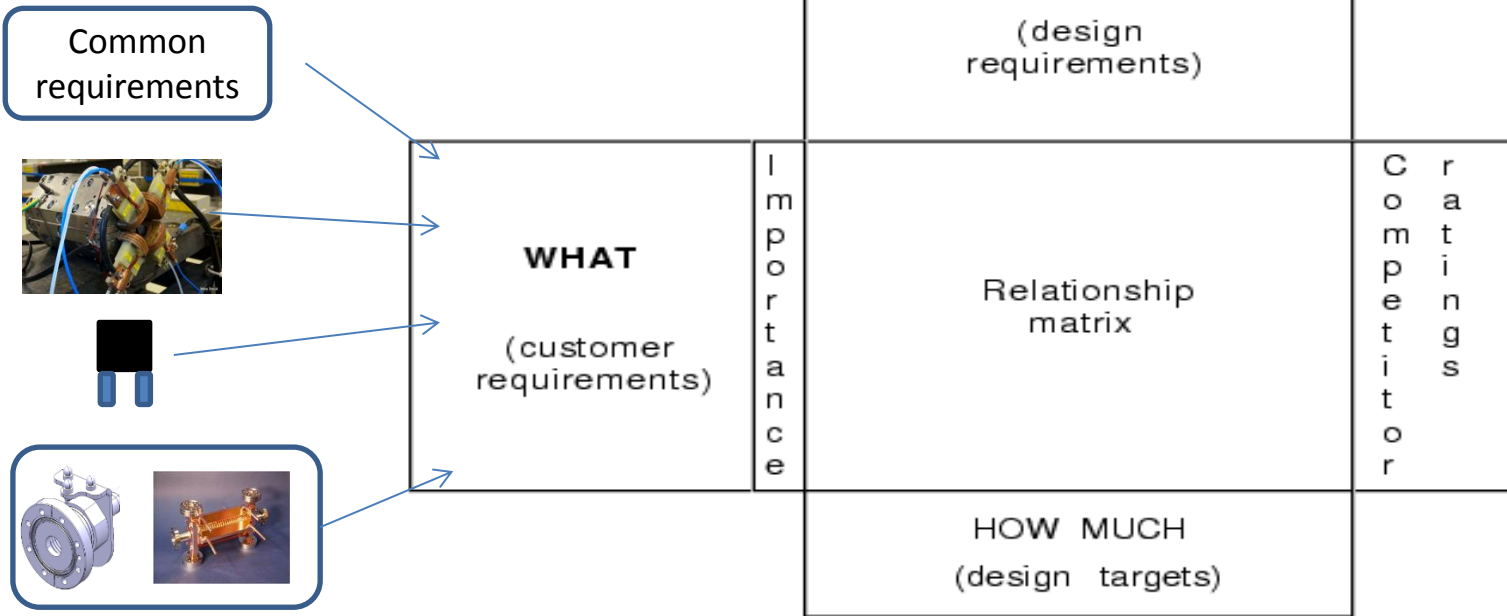


Sub systems



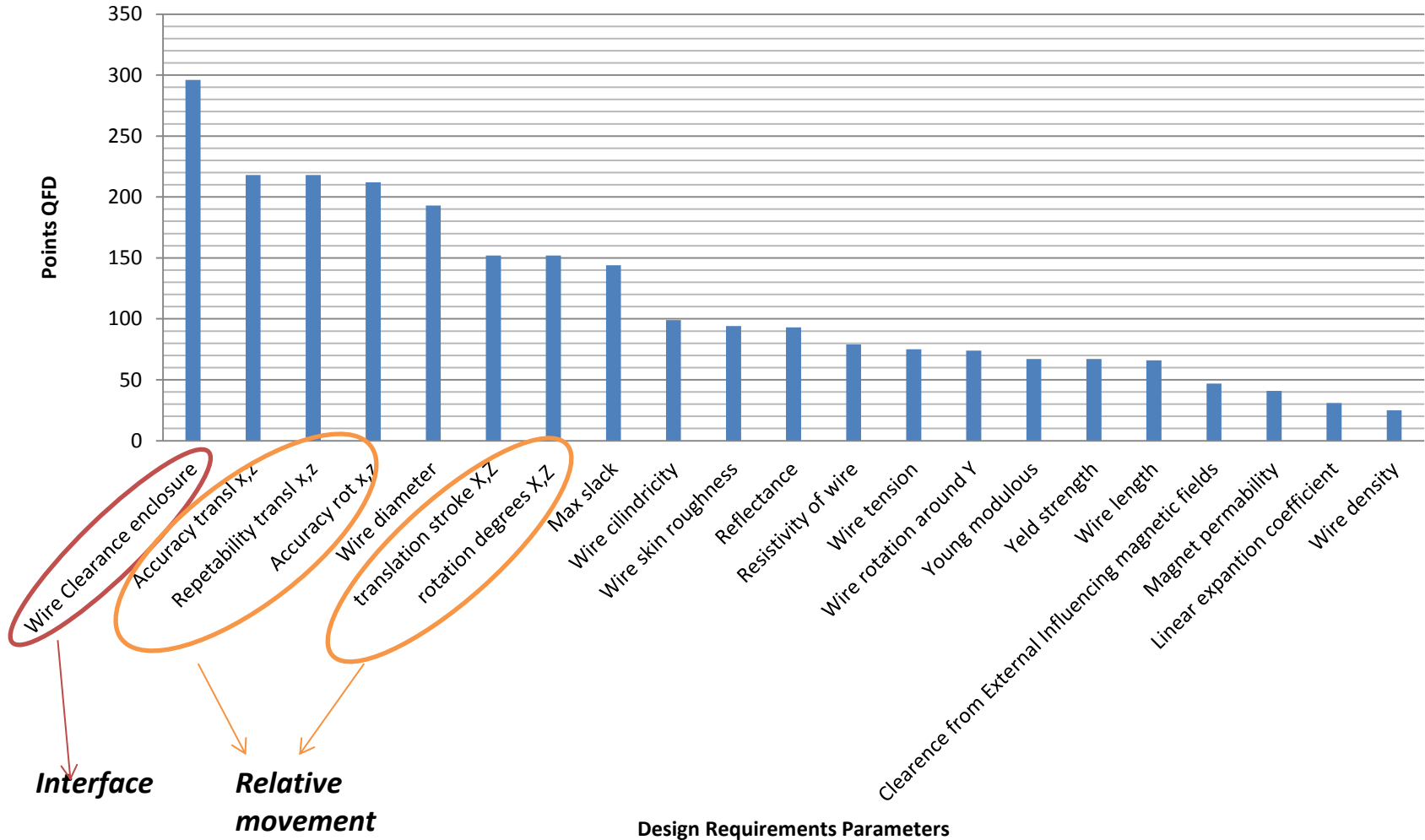
# Sub system Requirements QFD

## COUSTOMERS



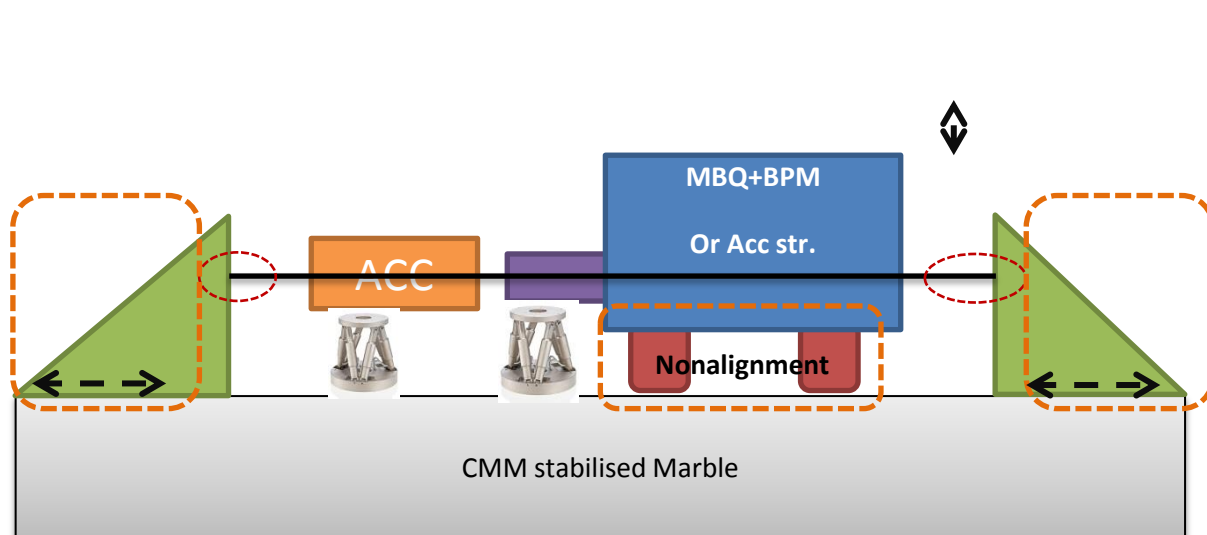
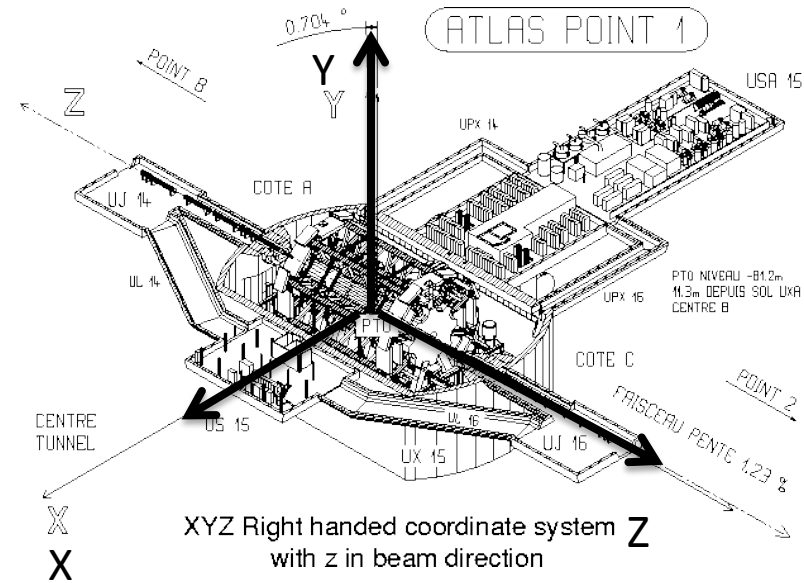
[\\cern.ch\dfs\Projects\PACMAN\WP3 Precision mech. stabilization\Subject 3.1\PACMAN IN CERN\System integration WIRE Case Study](https://cern.ch/dfs/Projects/PACMAN/WP3%20Precision%20mech.%20stabilization/Subject%203.1/PACMAN%20IN%20CERN/System%20integration%20WIRE%20Case%20Study)

# QFD Importance of Parameters results



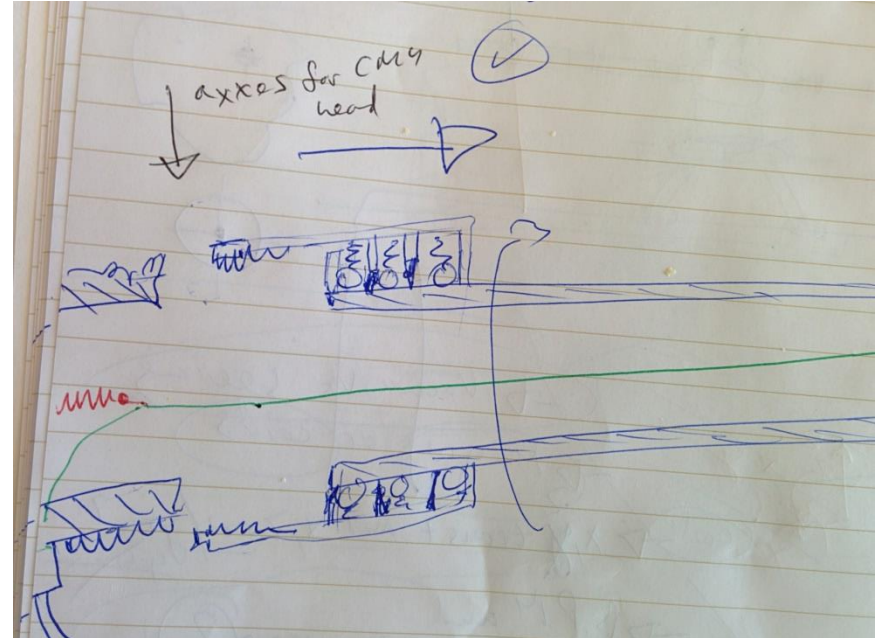
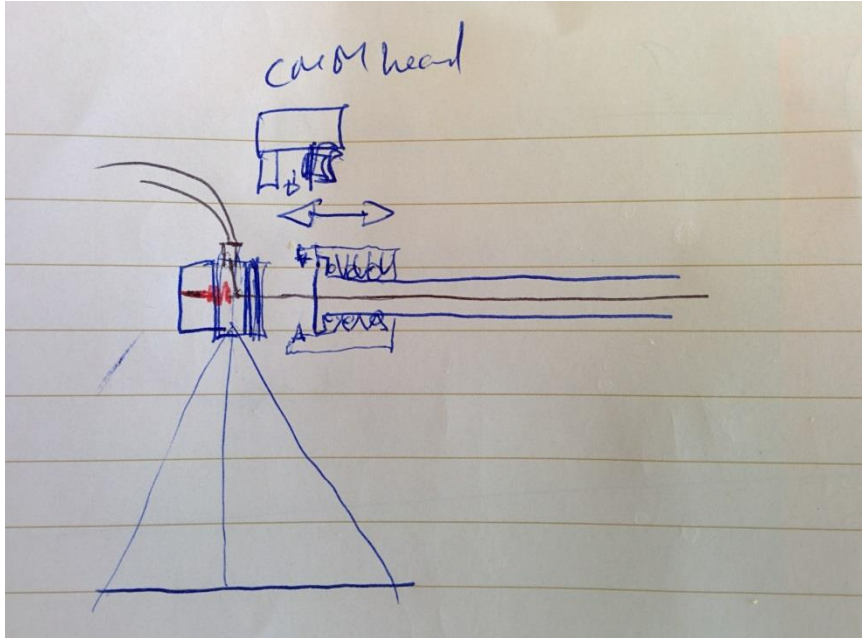
# Issues, Ideas

- ❖ **Moving Magnet, BPM and Acc structure VS wire?**
- ❖ **General Coordinate system?**
- ❖ **DoF of translation and rotation?**
- ❖ **Vacuum VS 'Seeing': (Flange open close concept)**
- ❖ **Wire interface no requirement for accurate attachment.**



To which all is referenced

# Sketch



**Your Comments, Ideas... Thank you**



# Stretched Wire Setup

