



## **WA-105**

### *CRP design status*

*WA105 Technical Board – 2<sup>nd</sup> of November 2016*

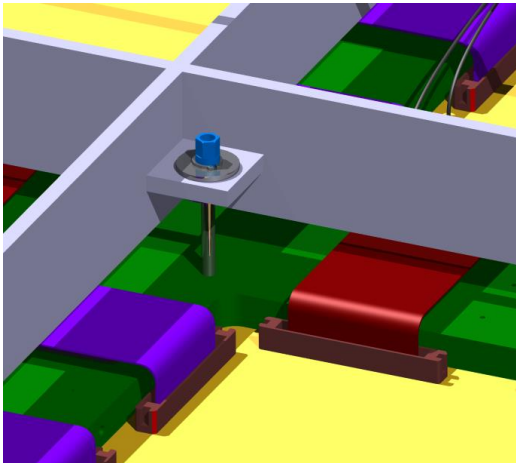
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# CRP Design & Production

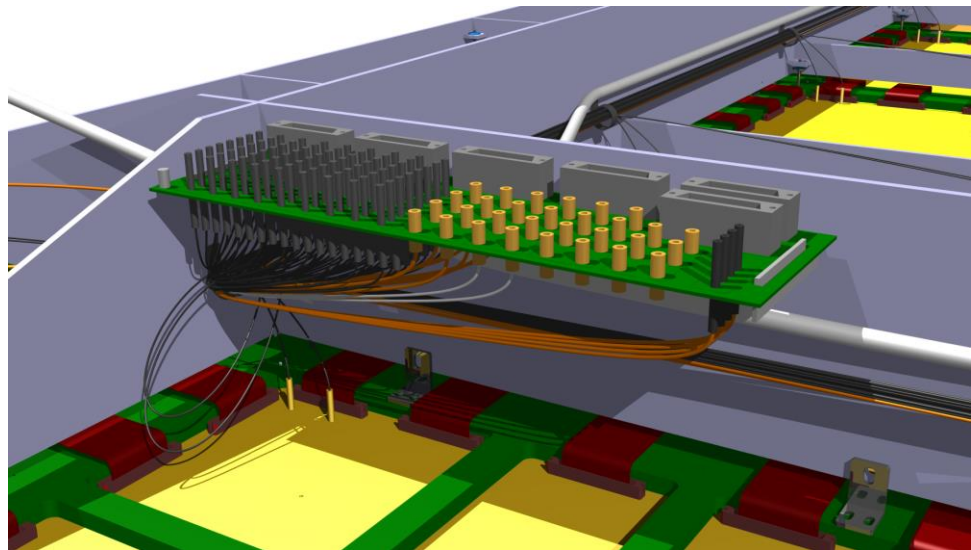
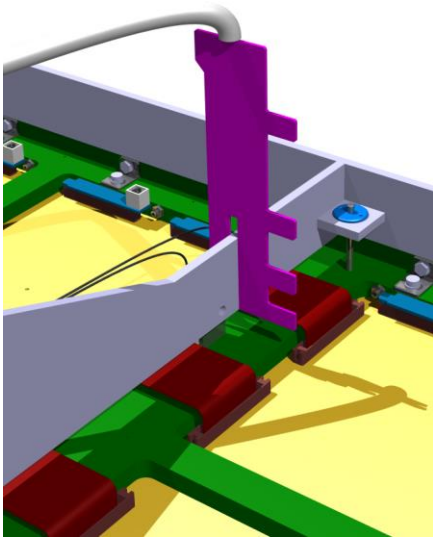
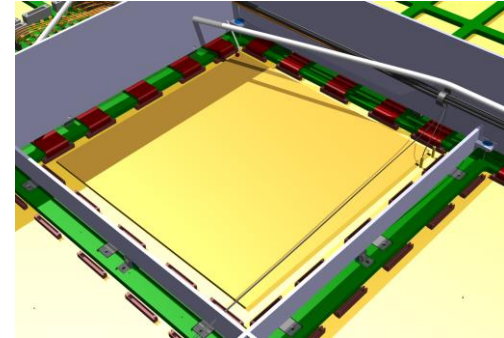
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- Quotations are asked for :
  - Invar frame : different manufacturers and suppliers, discussions in progress
  - G10 : discussions in progress, design in finalization
- PCB for extraction grid in finalization
  - Connection to HV with Macor spark protection
  - Production tooling & assembly procedure in progress
- Prototype of decoupling / planarity setting produced and validated:



# Cabling

- Required inputs for finalization :
  - Thermometers geometry
  - Heaters fixation & geometry (for pts)
  - Test Pulse Cards
  - Anodes – Connection to ground



# Suspensions

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- CAD model transmitted to Adamo for Roof integration
- Design in finalization
- Initial assembly and maintenance procedure included
  - Simplification of winch for first CRP lifting
  - Procedure for CRP lateral displacement
  - Bellow or motor parts replacement procedures ..
- More details on assembly and installation at next presentation.

