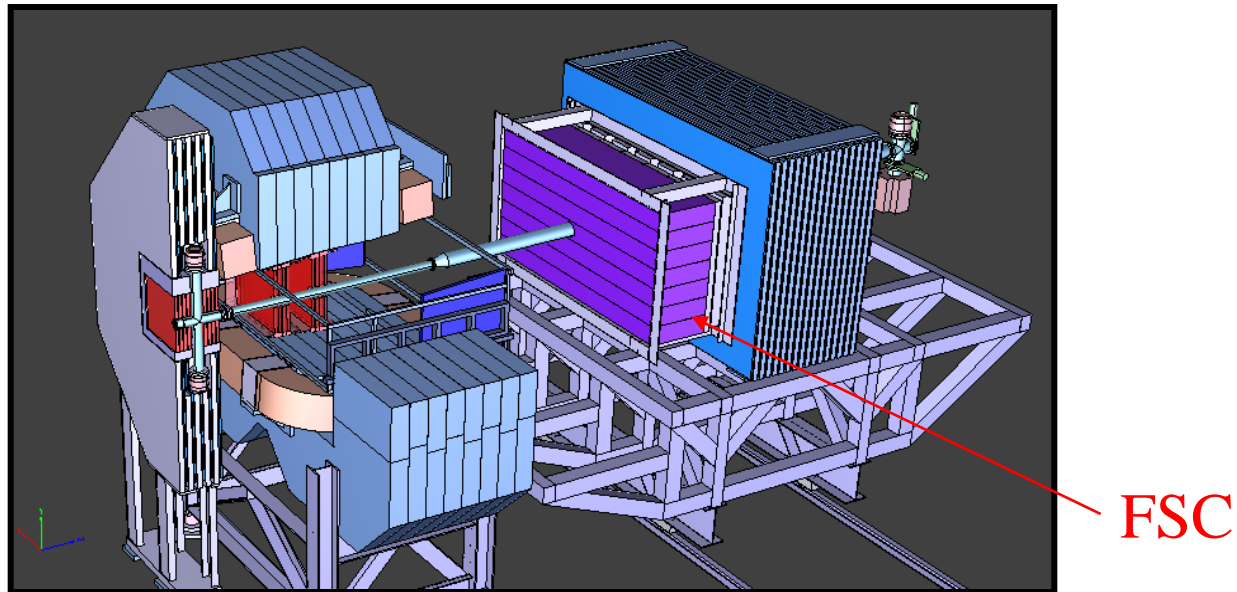


## FSC status

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on behalf of the IHEP PANDA group

PANDA Collaboration Meeting, Frascati  
9<sup>th</sup> of September 2014

- Test beam and TDR
- New prototype
- Mechanical design
- DCS – next report



- The last test beam at Mainz showed a good light collection uniformity - the main problem which kept FSC TDR frozen is solved
- Editorial board continue the work on TDR to get it ready for the next CM to send to FAIR
- A few questions (ADC performance, constant term of the energy resolution, the length of the module) can be solved after the TDR acceptance.



- Plan to produce another FSC prototype with 36 cells
  - No Tyvek between layers (original KOPIO design)
  - Y11 fiber
  - A few cm shorter
- Materials (fiber, polystyrene, lead) will be available in a couple of months
- The manufacturing will take 2-3 months

