

# Discussion on mechanical issues

- (a) Rigidity/deformation of field cage and endplates for given scheme of TPC support.
- (b) Structure of the central cathode electrode and HV supply/cable
- (c) Procedure of TPC assembly and installation
- (d) Monitor (deformation/misplacement)
- (e) Support structure of the silicon envelopes
- (f) Material budget of endcap
- (g) Cables (number of cables + cross sections per endcap for mechanical model of ILD)

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 ILD integration studies towards simulation model: Cables  
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TPC

par way-out 80 modules per endplate to be shared into 8 way-out

			cable Ø	mm <sup>2</sup>	Nbre	S total cm <sup>2</sup>
central anode	50 KV				1	
µmégas power supply	1 KV multiwires 14	14*0,14 mm <sup>2</sup>		1,4	8	
1 double optical fibre					8	0
1 low voltage 32 A				0,785	8	0,0628
Ground line				210	1	2,1
						2,1628