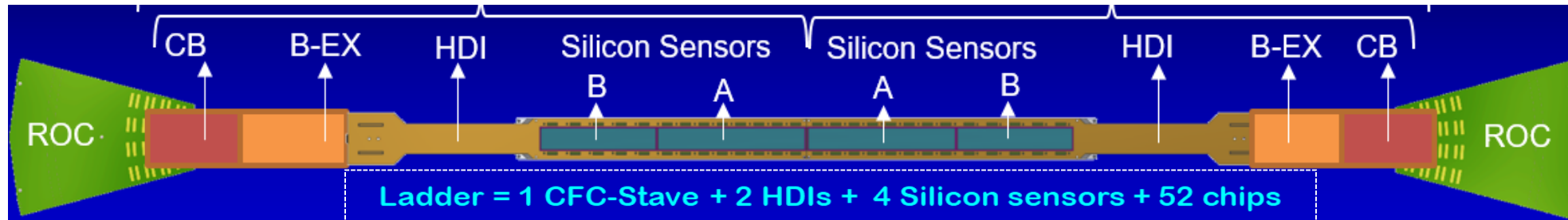


Final Design and Safety Review of INTT Ladder



We are focusing on Ladder Components: pre-production phase → “Final Design and Safety Review” → Production



Ladder Needs:

Component	Prototype	Pre-Production	Production
FPHX Chips	✓ + Beam Test	✓ + Beam tested	✓ done
Silicon Sensors (A,B)	✓ + Beam Test	✓ + Beam Test	in progress
HDI	✓ + Beam Test	✓ + Beam Test	In progress
CFC Stave	done	Asuka. Co.	
Ladder Assembly Fixtures	done	SBU and Xometry	



- Ladder and Barrels Overview (Rachid Nouicer)
- Stave Design and FEA Analysis (Dan CACACE)
- Ladder Electronic Components: HDI, Chips and Sensors (Itaru Nakagawa)
- Ladder Assembly (Miraval Connor)
- Barrels Design and FEA Analysis (Dan CACACE)
- Barrels Assembly (Connor Miraval)
- Cooling System (Robert Pisani)
- Readout Electronic Chain (Murthy Shreeharshini)
- Performance of Silicon Modules (Takashi Hachiya)