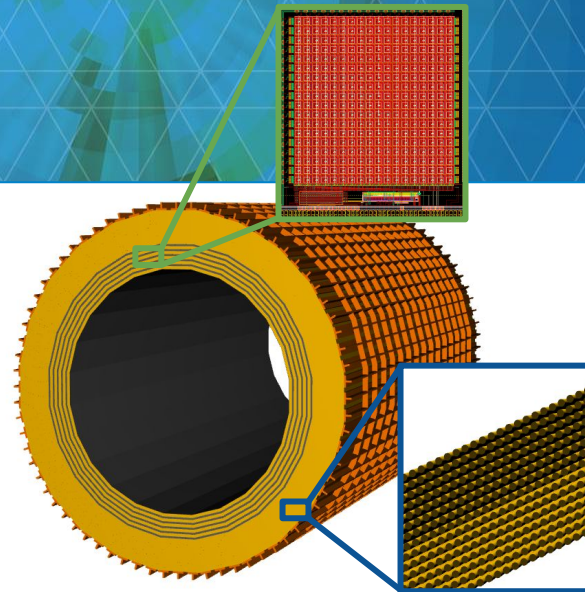


ePIC TIC Meeting
October 2, 2023

Barrel Imaging Calorimeter (BIC) TIMELINE AND SCHEDULE

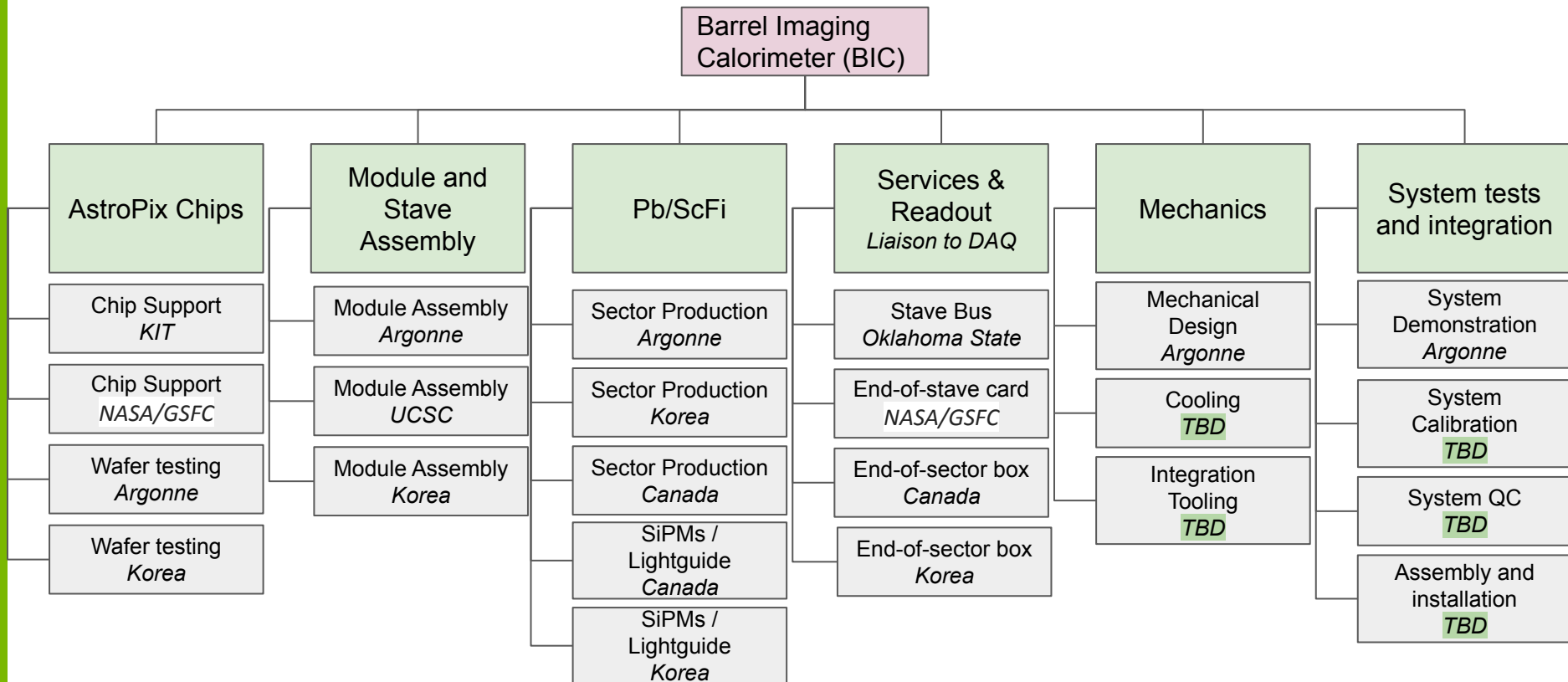


Maria Żurek
Argonne National Laboratory

Content

- ORG chart
- PED tasks and allocation
- Production timeline summary

Draft Org Chart



Project Engineering and Design

Tasks and Allocation

Skill	Institution	FTE	Task
Mechanical Engineer	Argonne	1	Global mechanical design
Mechanical Engineer	Argonne	1	Sector design and test article production
Mechanical Engineer	Argonne	0.5	Stave design and cooling
Machinist	Argonne	0.2	Mechanics support (machining)
Electrical Engineer	Argonne	0.1	Electrical support
Postdoc	Argonne	0.50	Support test article production
FPGA Senior	Argonne	0.1	System test
FPGA Postdoc	Argonne	1	System test
<CF subcontract>	Argonne	0.25	CF fabrication
Scientist	Argonne	0.16	Oversight
<NASA Engineers>	NASA	1	AstroPix end-of-stave card design
Electrical Engineering Team	Oklahoma S	1	AstroPix Bus tape design
Electrical Engineer	UCSC	0.5	AstroPix module design
Scientist	UCSC	0.2	AstroPix module design
Mechanical Engineer	Regina	0.33	End-of-sector design and test article
Electrical Engineer	Regina	0.4	End-of-sector electrical design
Postdoc	Regina	1	QC test design and test article
Scientist	Regina	0.16	Oversight
<Project Engineers>	BNL	0	Integration

High Level Schedule

- Jul 2023 - Oct 2024: Design
- Jan 2024 - Oct 2024: Prototyping/First article
- Oct 2024 - Feb 2026: Production development/Preproduction
- Feb 2025 - Feb 2026: Procurement process
- Feb 2026 - Mar 2029: Contract Award followed by material delivery
- May 2026 - Jun 2029: Production of Pb/SciFi sectors and test & assembly for Si staves/trays, and ship to BNL
- Jan 2029 - Jul 2029: Sector assembly at BNL (light guides, SiPM, etc.)
- Jul 2029 - Sep 2029: Sector assembly in a barrel
- Sep 2029 - Dec 2030: Insert/integrate Si staves

(Less) High-level Schedule

