



**INAF**

ISTITUTO NAZIONALE  
DI ASTROFISICA

# *LST South*

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# CTA+ Organization

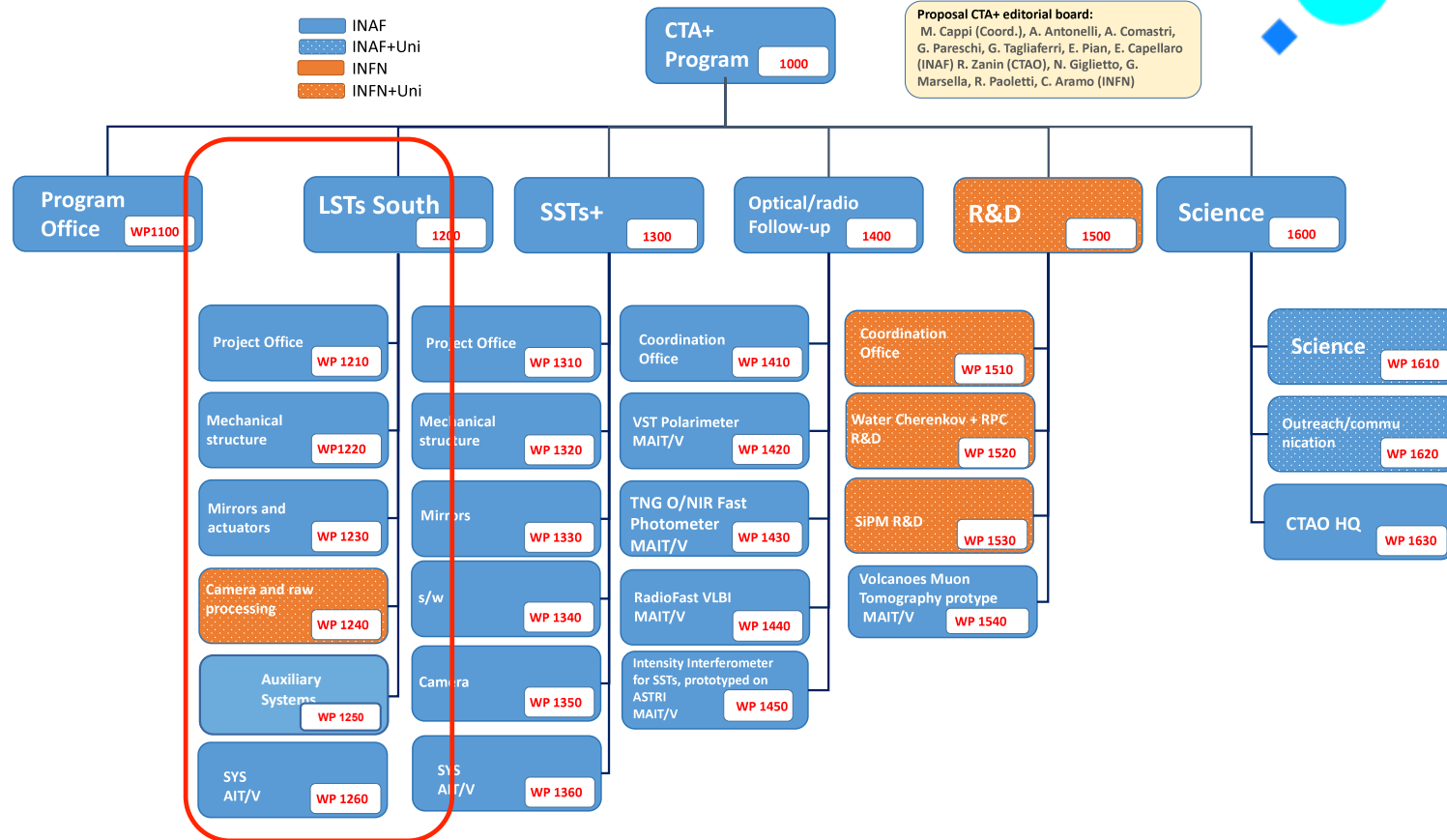


Fig. A - Work Breakdown Structure of CTA+ Program



# The Project LST-South

Give a substantial contribution (up to 56 M€ over the 71.5M€ of CTA+) for the end-to-end realization of 2 LSTs that are currently missing (but planned) at the CTA South site, i.e. to realize:

- Telescope structures (design for South, mechanical structures, etc.)
- Mirrors
- Cameras
- AIT/V + Infra., etc.

In partnership with INFN and within the LST collaboration

## Project timeline:

- The duration of the project is 30 (+6) months
- KO project on Jan 1<sup>st</sup> 2023
- The industrial contracts have to be signed for December 31<sup>st</sup>, 2023
- bimestrial reports

## Deliverables at the end of the project:

- 1 telescope mounted and tested at construction site.
- Executive project of foundations in Chile (possibly foundations realized)
- Components for 2 telescopes ready for shipping to Chile.

# LST-South: an aggressive schedule

## Tender preparation overall timeframe

Activities	07/2022	09/2022	10/2022	11/2022	12/2022	01/2023	02/2023
MANAGEMENT		Organization	Project phasing	Project phasing, Contract protection strategy	Deliverables, Monitoring, RFP award criteria	SoW, RFP	
CONTRACTUAL				Contract protection strategy	Payment milestones	Draft contract	Draft contract
SYSTEM ENGINEERING	CTAO specifications	Environ. conditions			Technical requirements		
ENGINEERING	CAD, Kinematic models	FE model, Environ. conditions	Foundation definition	Design options investigation	Design options investigation		

In red: key activity

In green: document readiness

NOTE: 08/2022 taken as holiday/margin





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