

OPT/NIR DIVISION

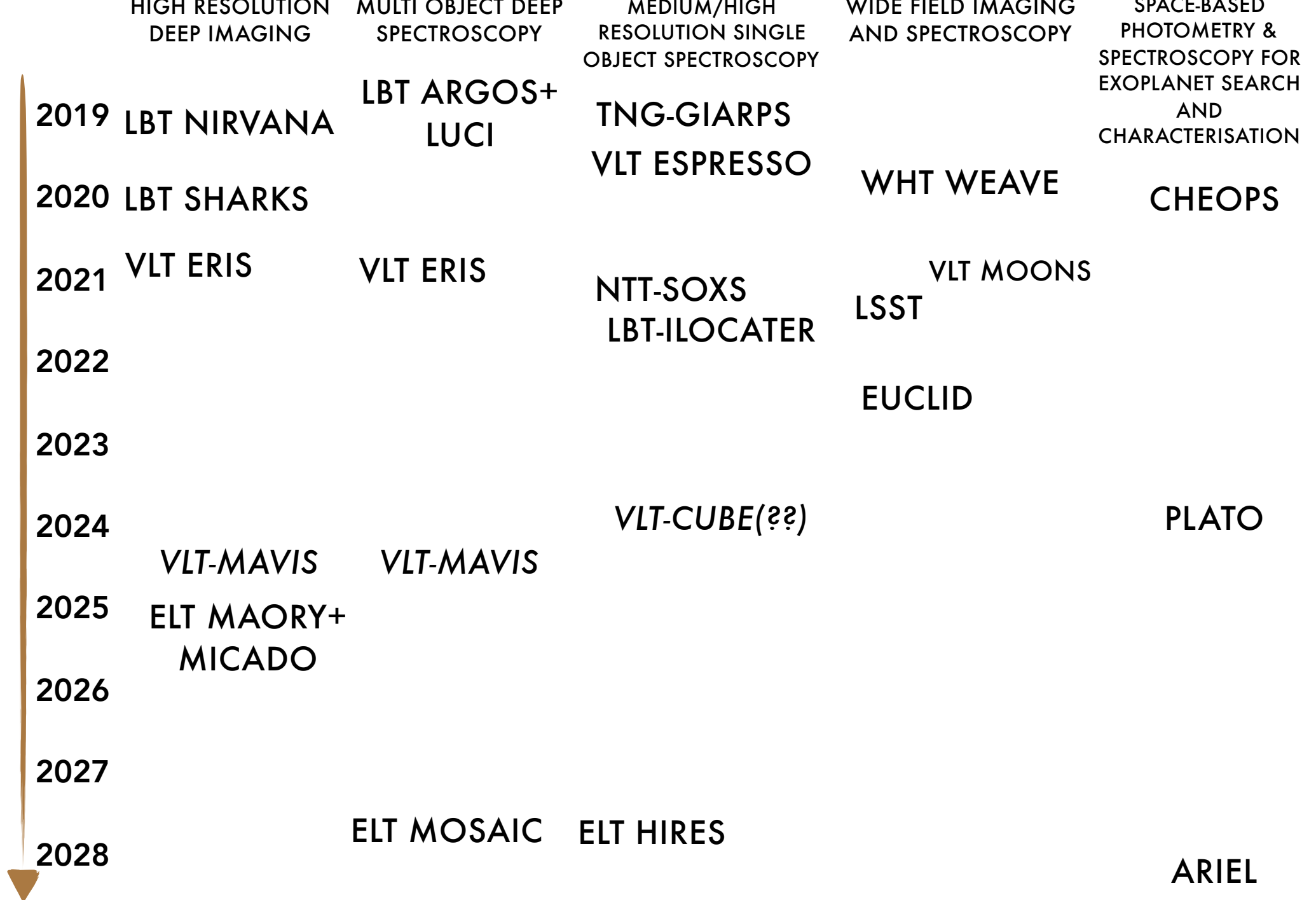
ADRIANO FONTANA

INAF

HEAD OF OPT-NIR DIVISION

LBT CORPORATION, TUCSON (AZ)

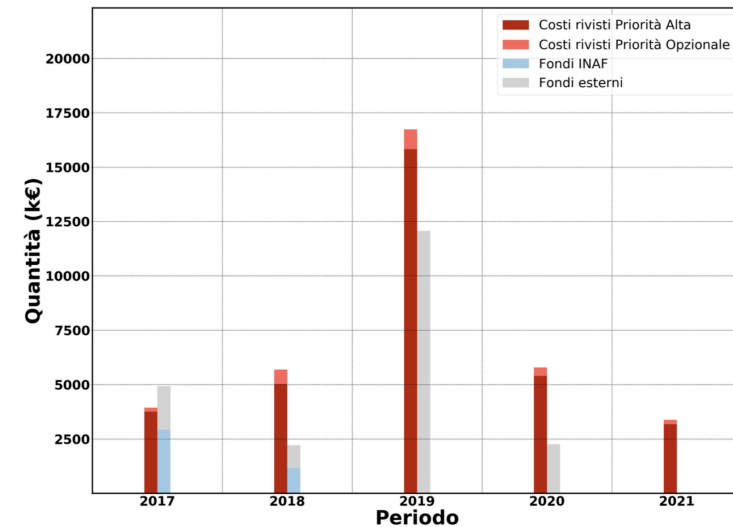
UNIVERSITY OF ROME "LA SAPIENZA"



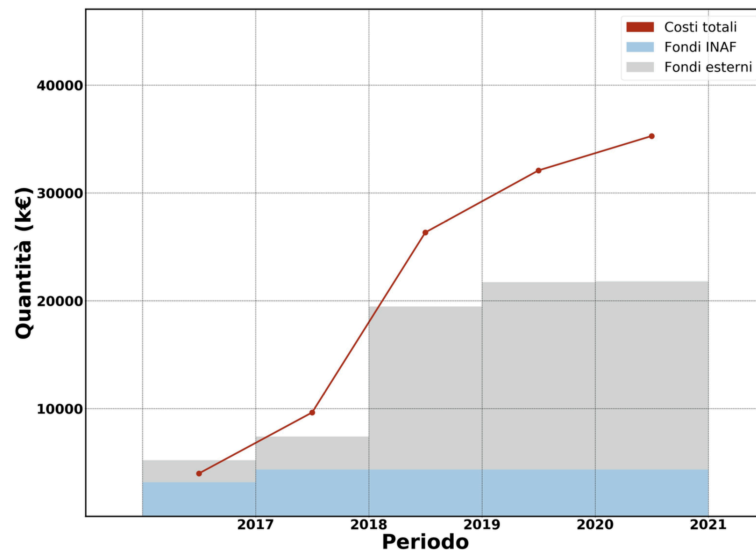
MANAGEMENT INFRASTRUCTURE - 1

- 1) Sound financial planning
for each project.
Outcome: short and long
term budget forecast

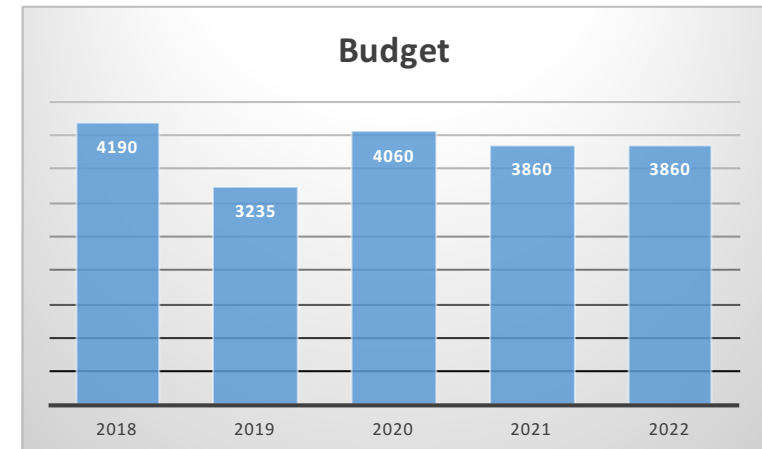
Budget - Riepilogo annuale



Budget - Cumulative annuali



Budget



MANAGEMENT INFRASTRUCTURE - 2

- 2) Management oversight:
- central document archive
 - tracking of major milestones

Budget Opt-NIR

SHARK-NIR - Funds Projects

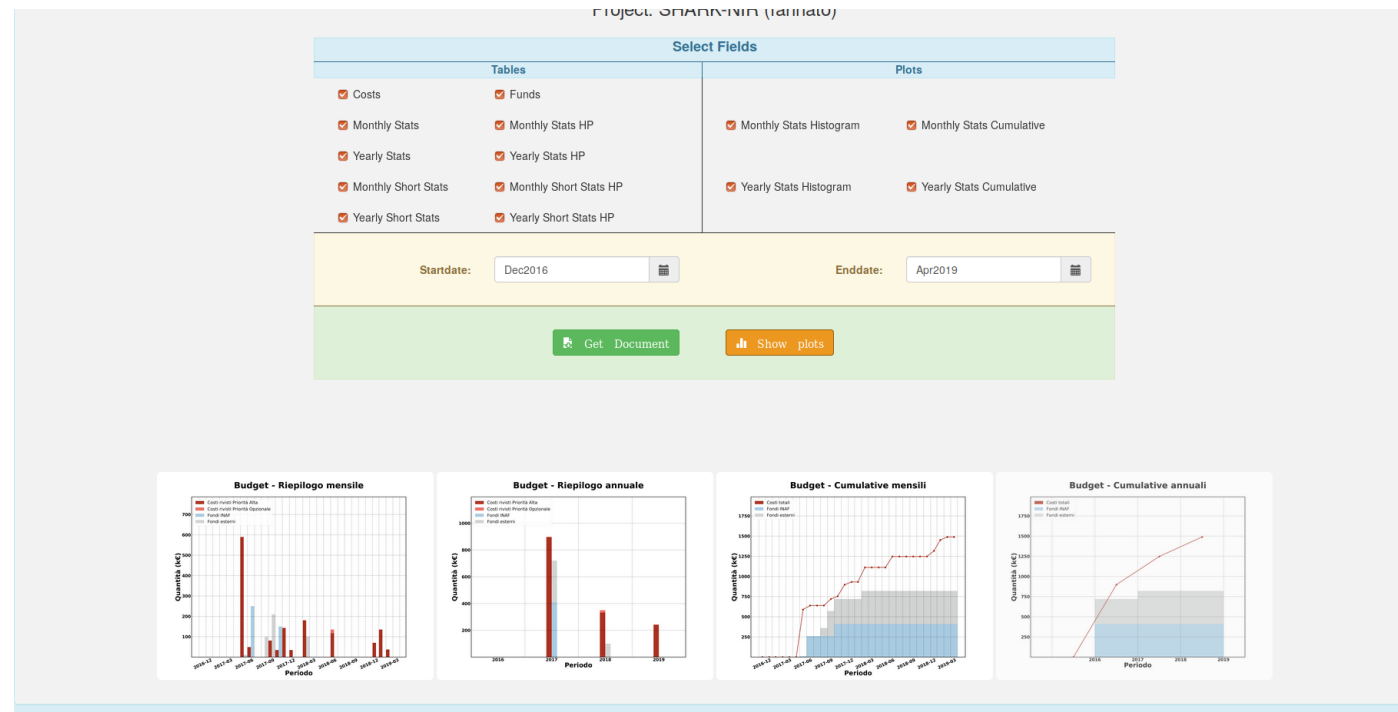
Project: SHARK-NIR (farinato)

Name Initial Cost (k€) Date (yyyy-mm-dd) Category

Description ID (c. INAF) Priority Head Office

+ Add Entry

Name	Initial Cost (k€)	Date (yyyy-mm-dd)	Category	Description	Fund ID	Priority	Head Office	Assigned Cost (k€)	Assigned Priority	Comments	Revised Cost (k€)	Effective Cost (k€)	Notes	Done	Action
Meccanica e montature	80	2017-06-01	Strumentazi one	Description	1	Alta	Padova	80	Alta	Comments	91.7	91.7	Impegno completato.	1	Update
Meccanica e montature	10	2017-06-01	Strumentazi one	Description	0	Alta	Padova	10	Alta	Comments	18.3	18.3	Impegno completato.	1	Update
Silte motorizzati	25	2017-06-01	Strumentazi one	Description	1	Alta	Padova	25	Alta	Comments	25	25	Impegno completato.	1	Update



MANAGEMENT INFRASTRUCTURE - 3

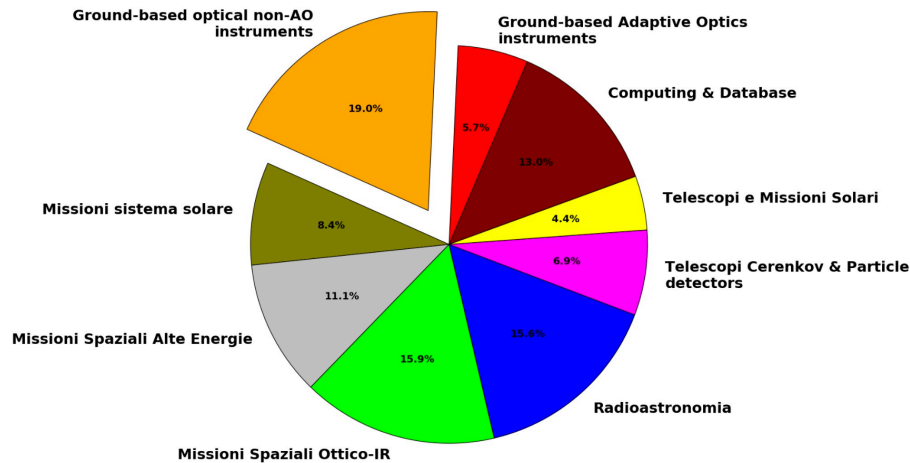
3) FTE

Tracking the scientific interest and efforts of its scientific personnel in the main projects and activities. (FTE survey).

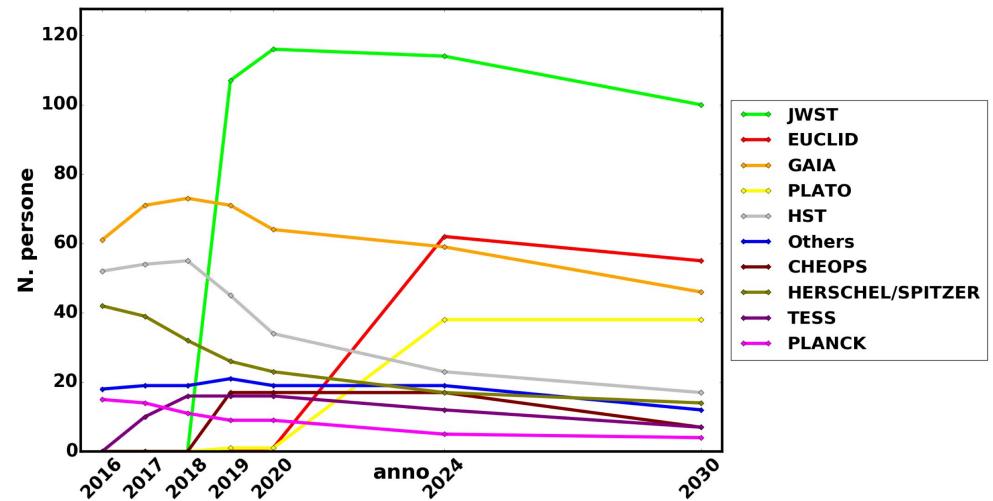
<http://www.inaf.it/it/sedi/sede-centrale-nuova/direzione-scientifica/ricognizione-fte/view>

Scientific interest (Persons interested in working on data)

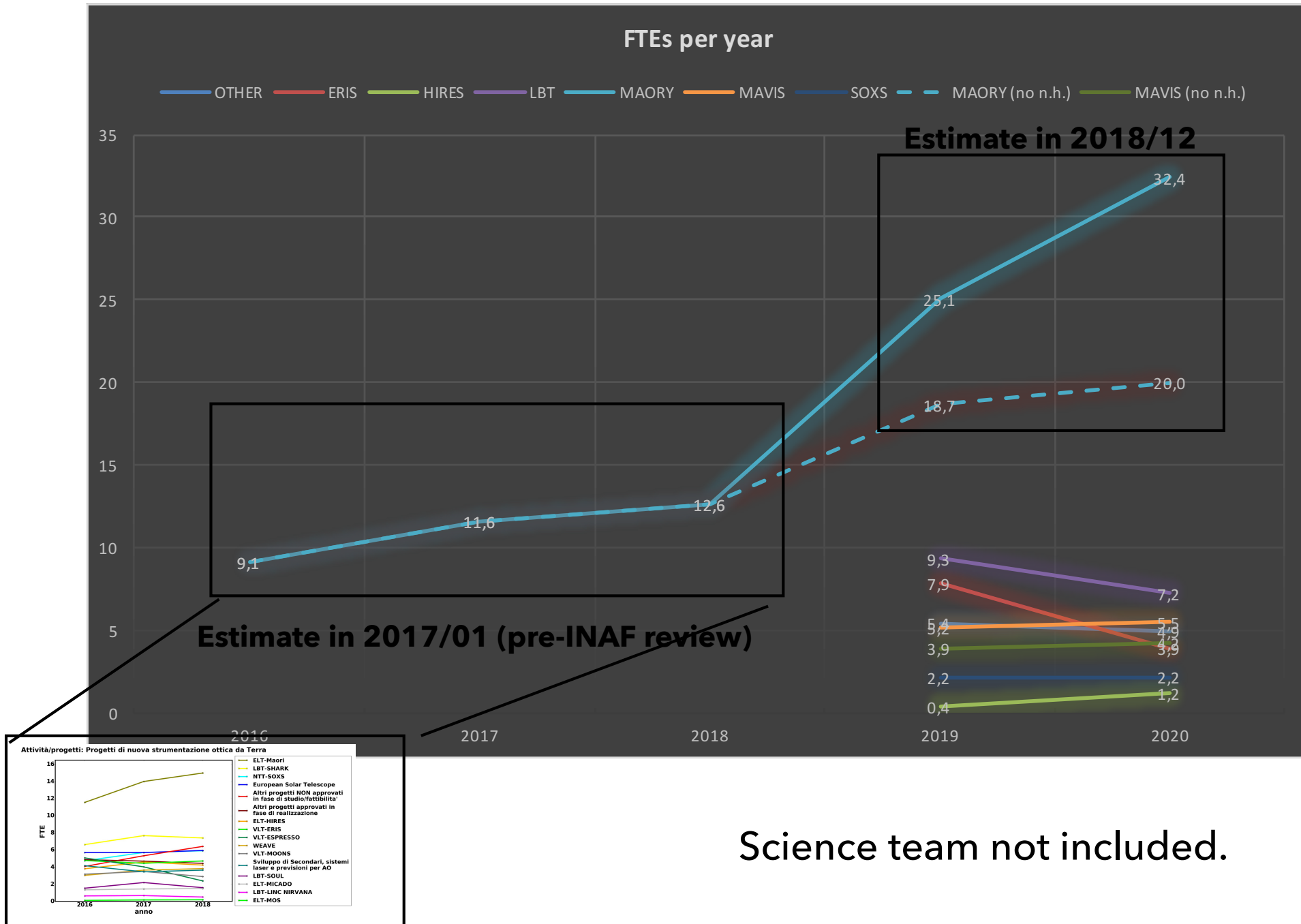
% FTE Infrastrutture 2025-2030



Infrastrutture: Missioni Spaziali Ottico-IR

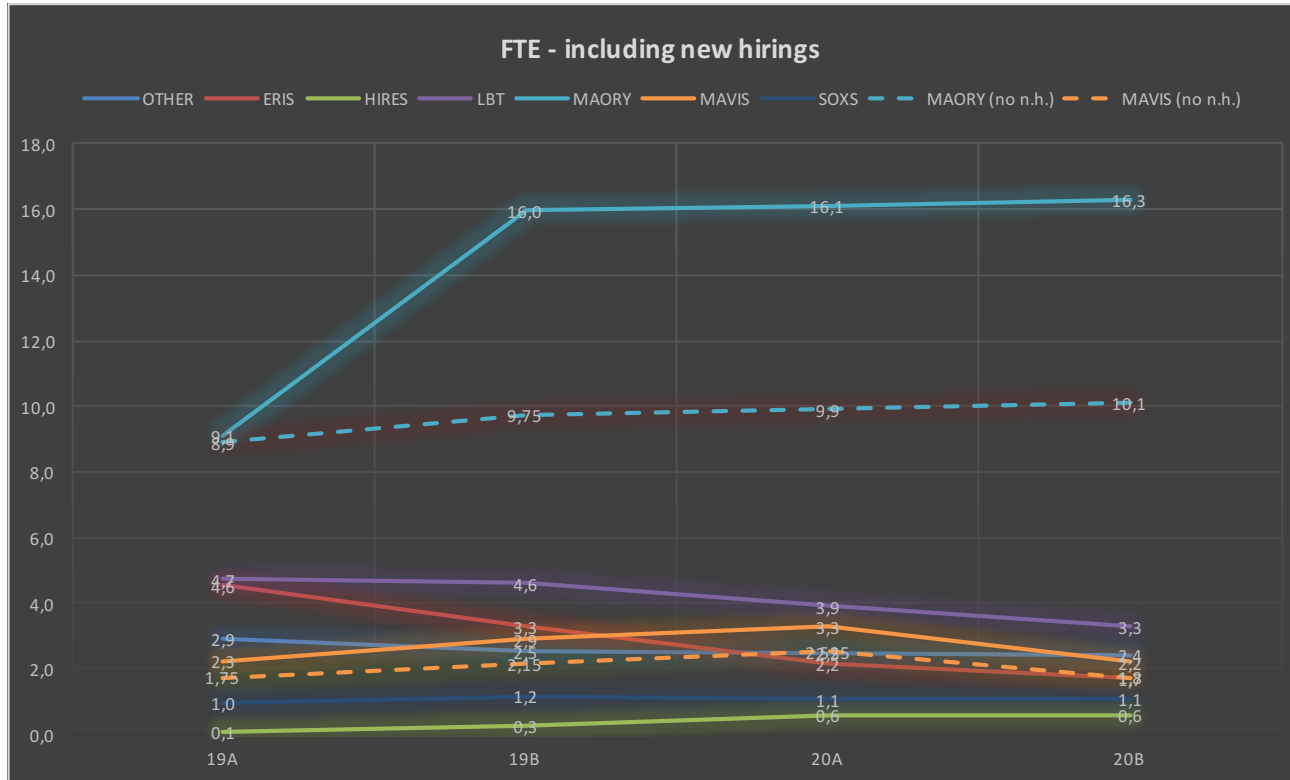


MAORY FTE: UPDATED IN DECEMBER 2018 FOR AO INSTRUMENTS



Science team not included.

MAORY FTE: UPDATED IN DECEMBER 2018



MAORY is (still, and by far) the largest INAF project in the opt. domain as far as human resources are concerned.

FTEs (person/year each semester)

- ERIS is dropping after instrument delivery; *(Follow from INAF guidelines...)*
- LBT is decreasing;
- MAVIS (slightly increasing up to 20A) is already 2x what declared to ESO in the current contract. (L. Busoni will step down from his responsibilities in MAVIS);
- HIRES is kept to minimal amounts for 2019 - investments 2020+ confirmed.

OPTIMIZING THE SCIENTIFIC RETURN

SPECIFIC ACTIONS TO FOSTER SCIENTIFIC COORDINATION AND EXPLOITATION.

- ▶ TNG WORKSHOP (2017) → REVISED POLICY FOR TNG LARGE PROGRAMS
- ▶ PUBLIC CALL FOR LSST (2017) → INAF ENTERS LSST
- ▶ WORKSHOP “MOS” (2018) → COORDINATION FOR DATA ANALYSIS
- ▶ WORKSHOP “EUCLID&BEYOND” (2019) → COORDINATION ACTIVITIES FOR COSMOLOGY
- ▶ WORKSHOP “SCIENCE WITH AO” (2019) → ROADMAP 2020+ FOR SCIENCE WITH AO INSTRUMENTS

COORDINATION

PERMANENT COORDINATION ACTIVITIES TO SHARE METHODS AND HUMAN SKILLS

ADONI: ADAPTIVE OPTICS

TETIS: CONTROL SOFTWARE

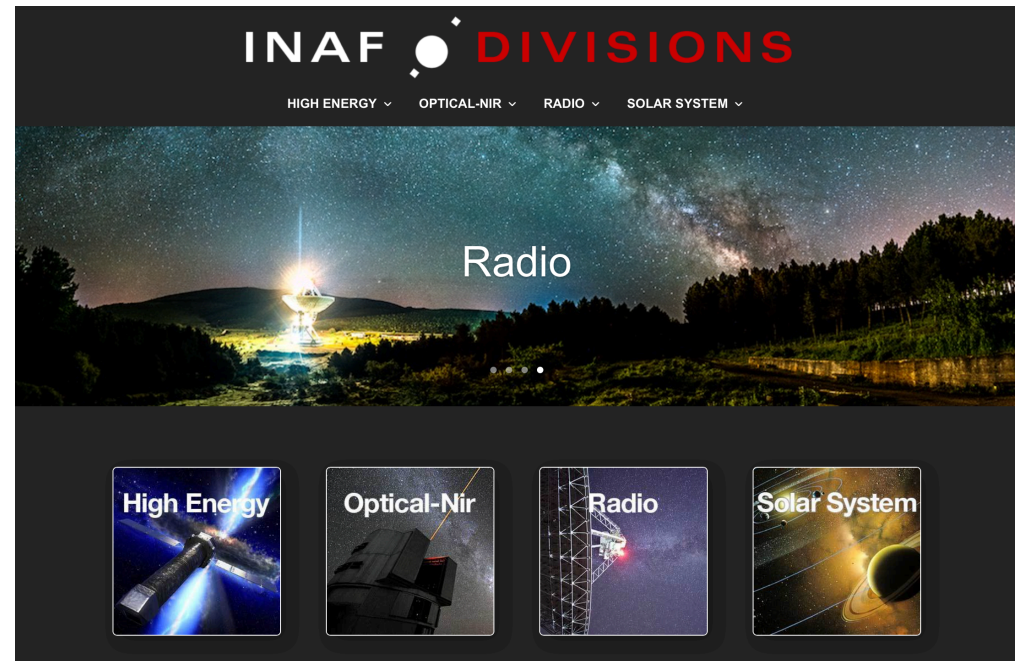
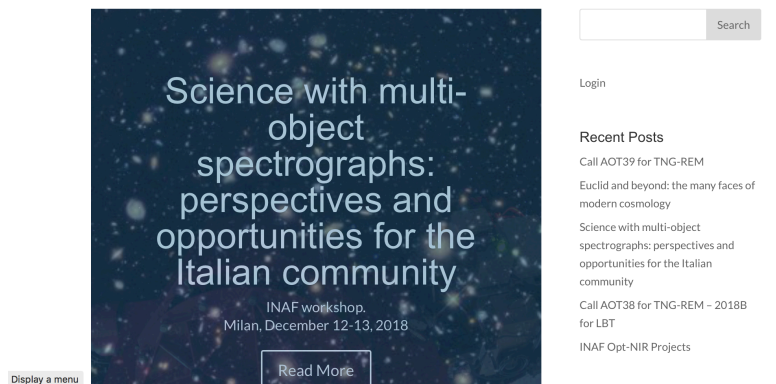
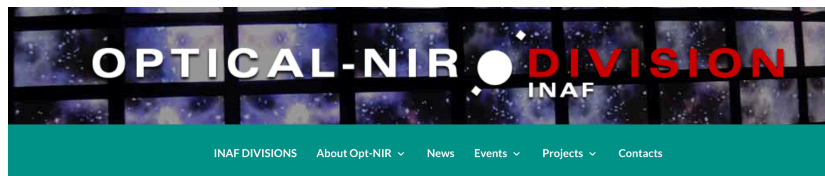
SPELAB: TOOLS FOR MOS DATA ANALYSIS & SCIENCE

MAST&R: PSF RECONSTRUCTION

WEB SITE

CENTRAL WEB SITE FOR INAF PROJECTS

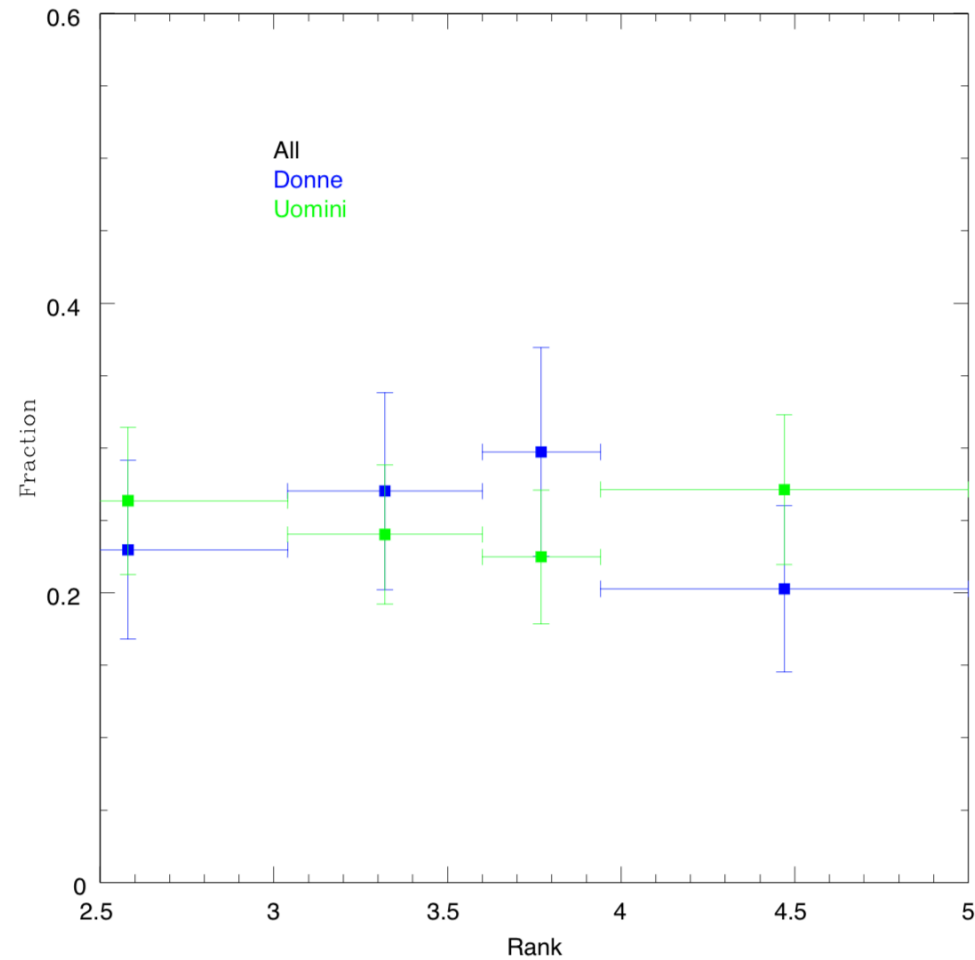
- ▶ MAINTAIN COMMUNITY UPDATED
- ▶ CENTRAL HUB FOR INAF PROJECTS TO APPEAR IN THE NEXT MONTH(S)...



GENDER BALANCE IN TIME ALLOCATION?

ALLOCATED TIME VS GENDER

LBT PROPOSAL
FROM 2014



RANK