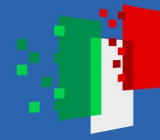




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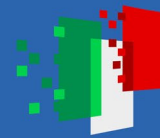
ETIC

Einstein Telescope
Infrastructure Consortium

Michele Punturo



INFN

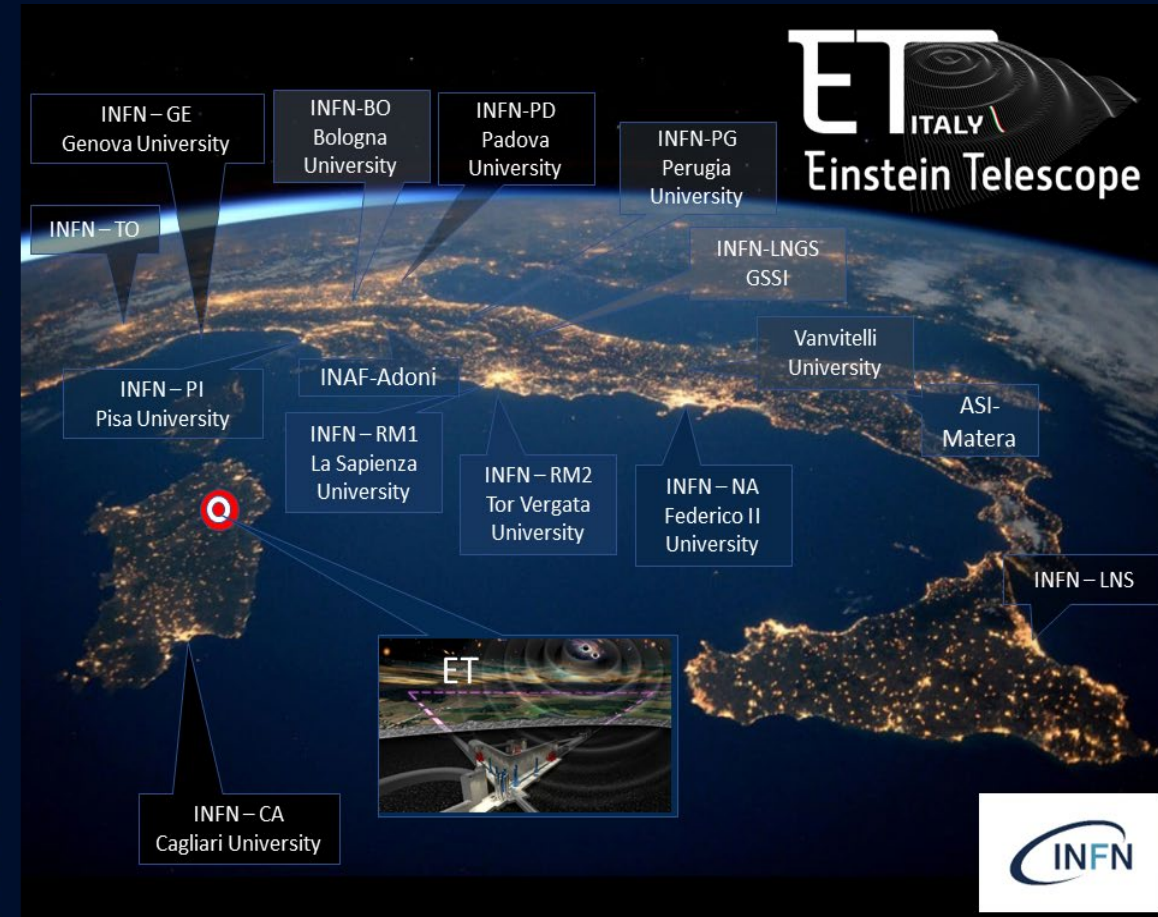


ETIC Project

- ETIC is a Project funded by the Italian Ministry for University and Research (MUR) with 50M€ for 30 (36) months within the PNRR (NRRP National Recovery and Resilience Plan)
- It started the 1st of January 2023
- ETIC is lead by INFN, it involves other 2 national research institutions:
 - INAF (Italian institute for Astrophysics)
 - ASI (Italian Space Agency)
- and 11 Italian universities for a total of 27 operating units (INFN and INAF Units, Department of physics, civil engineering, architecture)

ETIC

Einstein Telescope Infrastructure Consortium

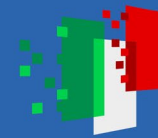




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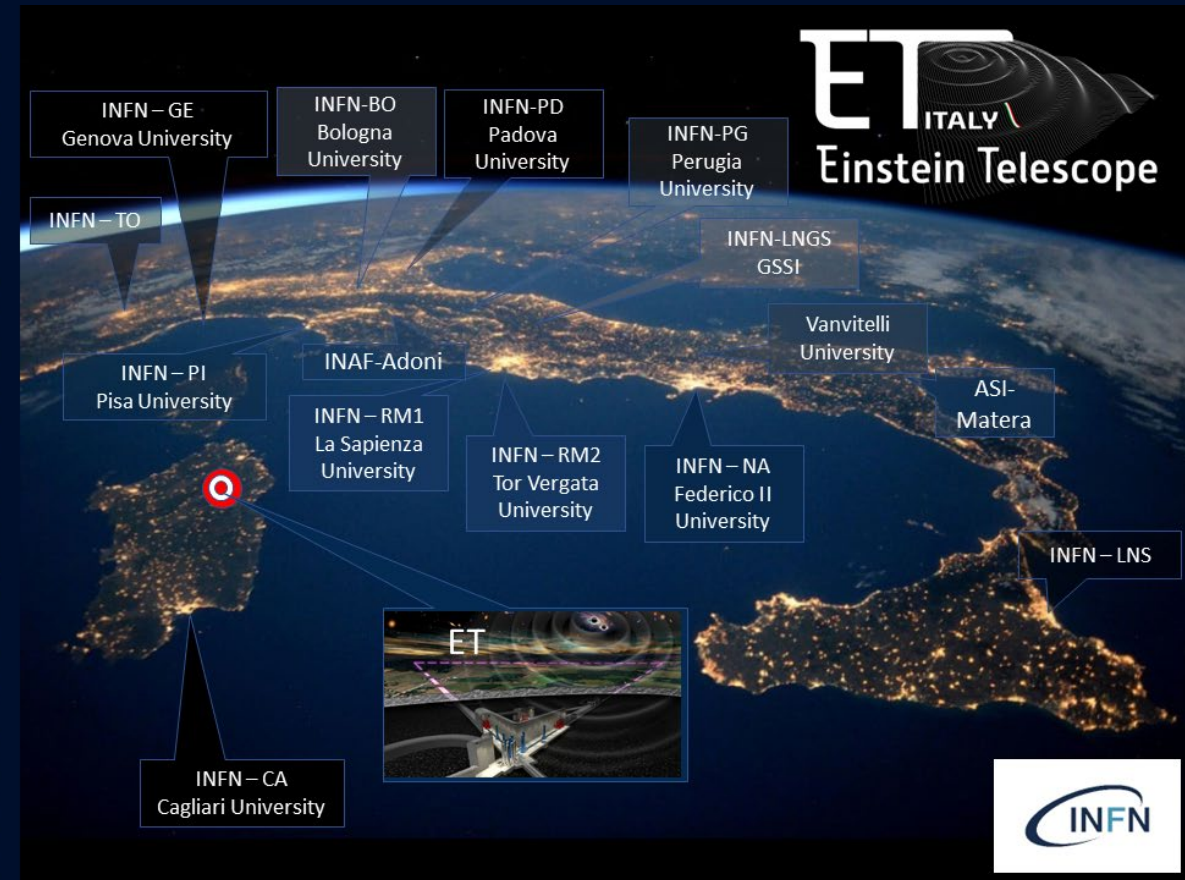


ETIC targets

- The ETIC aim is twice:
 - Realize a network of research infrastructures located in the participating laboratories or universities addressed to the ET enabling technologies
 - Realize a feasibility study of ET in Sardinia, key element of the Italian bidbook, including geotechnical and engineering studies

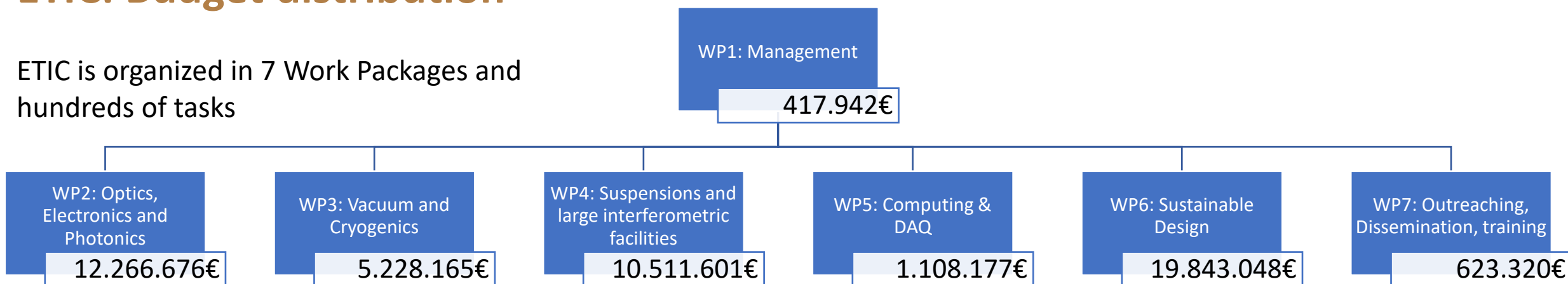
ETIC

Einstein Telescope Infrastructure Consortium



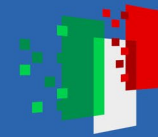
ETIC: Budget distribution

ETIC is organized in 7 Work Packages and hundreds of tasks



INFN	UniBO	UniCA	UniGE	UniNA	UniVanvitelli	UniPD
33.867.823.25 €	186.574.23 €	1.624.578.86 €	989.113.35 €	1.400.259.10 €	281.035.50 €	1.947.255.55 €

UniPG	UniPI	UniSapienza	UniRM2	INAF	ASI	GSSI
5.079.557.50 €	599.649.40 €	1.550.135.75 €	1.348.432.40 €	407.316.90 €	312.525.60 €	404.674.00 €



Human Resources

- ETIC aims to training a new generation of young scientists and engineers for ET
- The majority of these positions have been allocated and contracts are starting in May/June/July

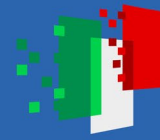
Months	ETIC	INFN
Tecnici laureati cat D	108	0
RTDA	432	0
CTER	162	150
Tecnologo III	492	438
Manager	30	30
Positions	ETIC	INFN
Tecnici laureati cat D	4	0
RTDA	16	0
CTER	7	6
Tecnologo III	21	18
Manager	1	1



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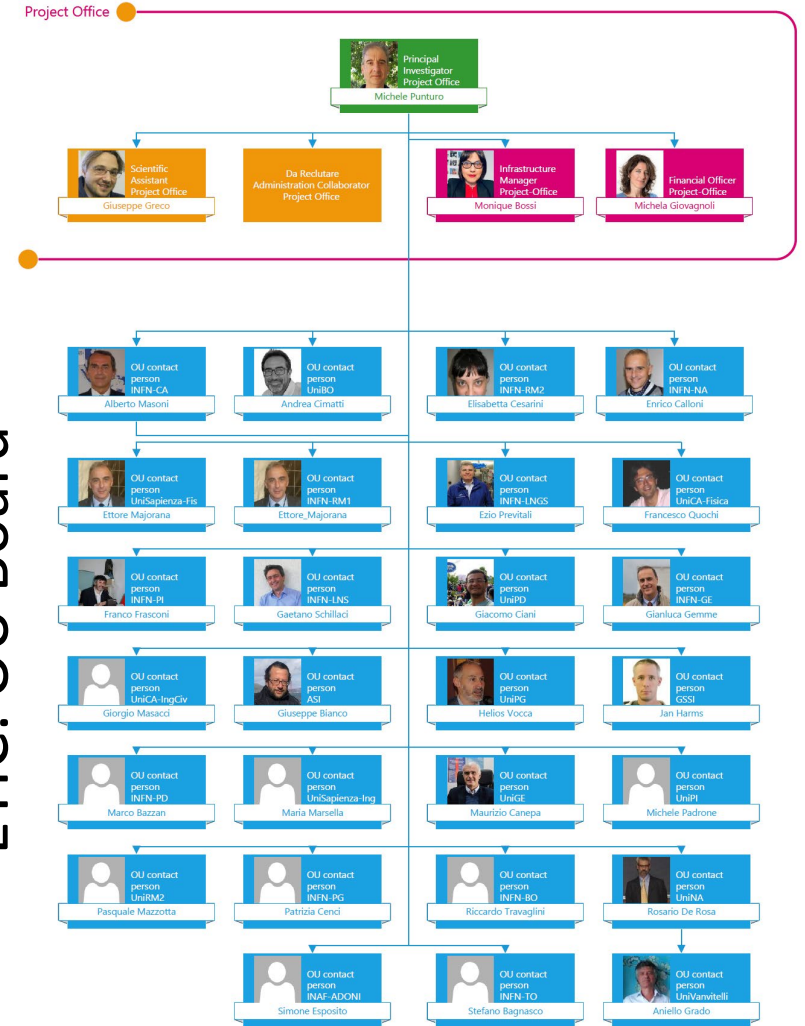
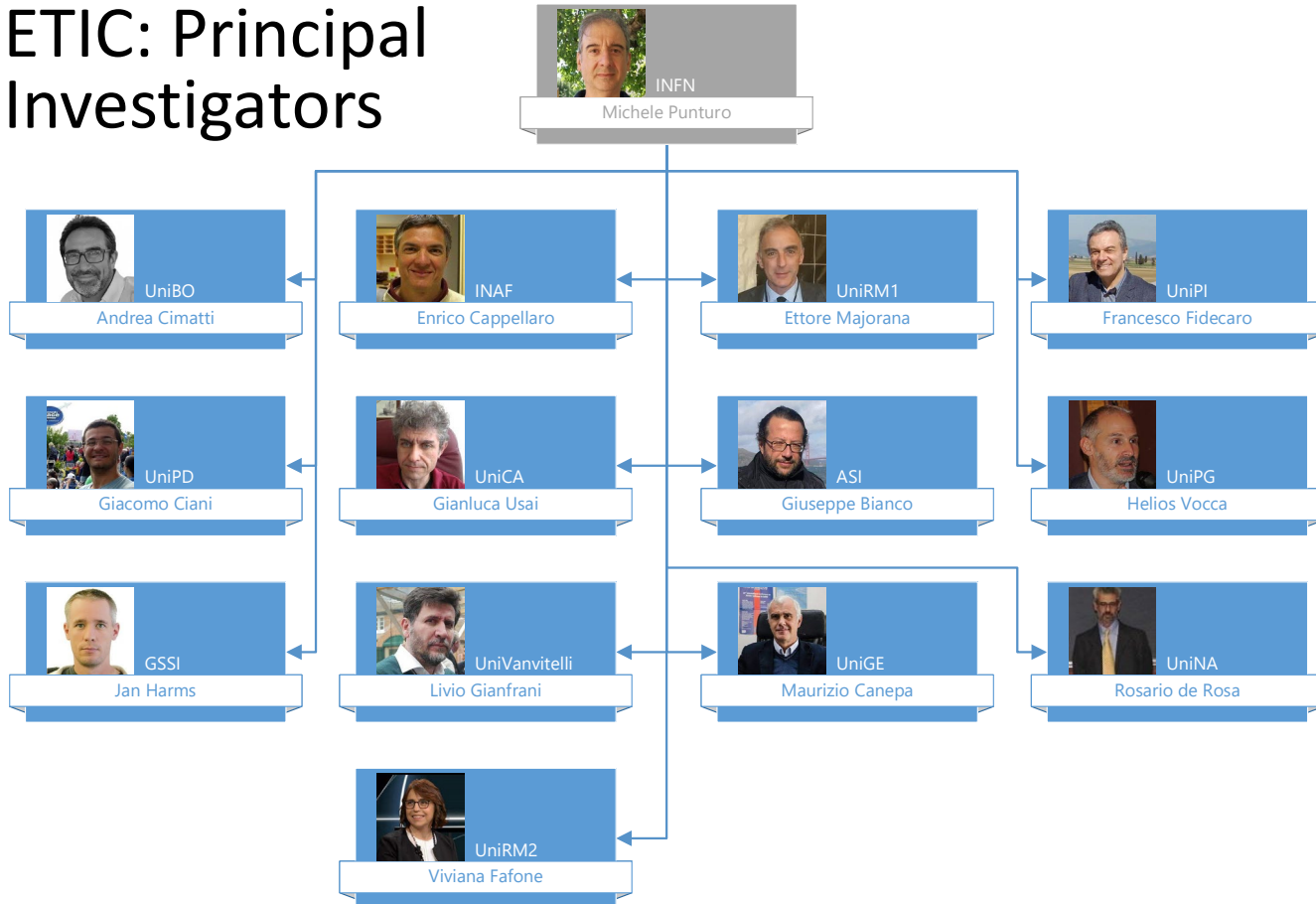


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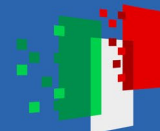


ETIC Project: OBS

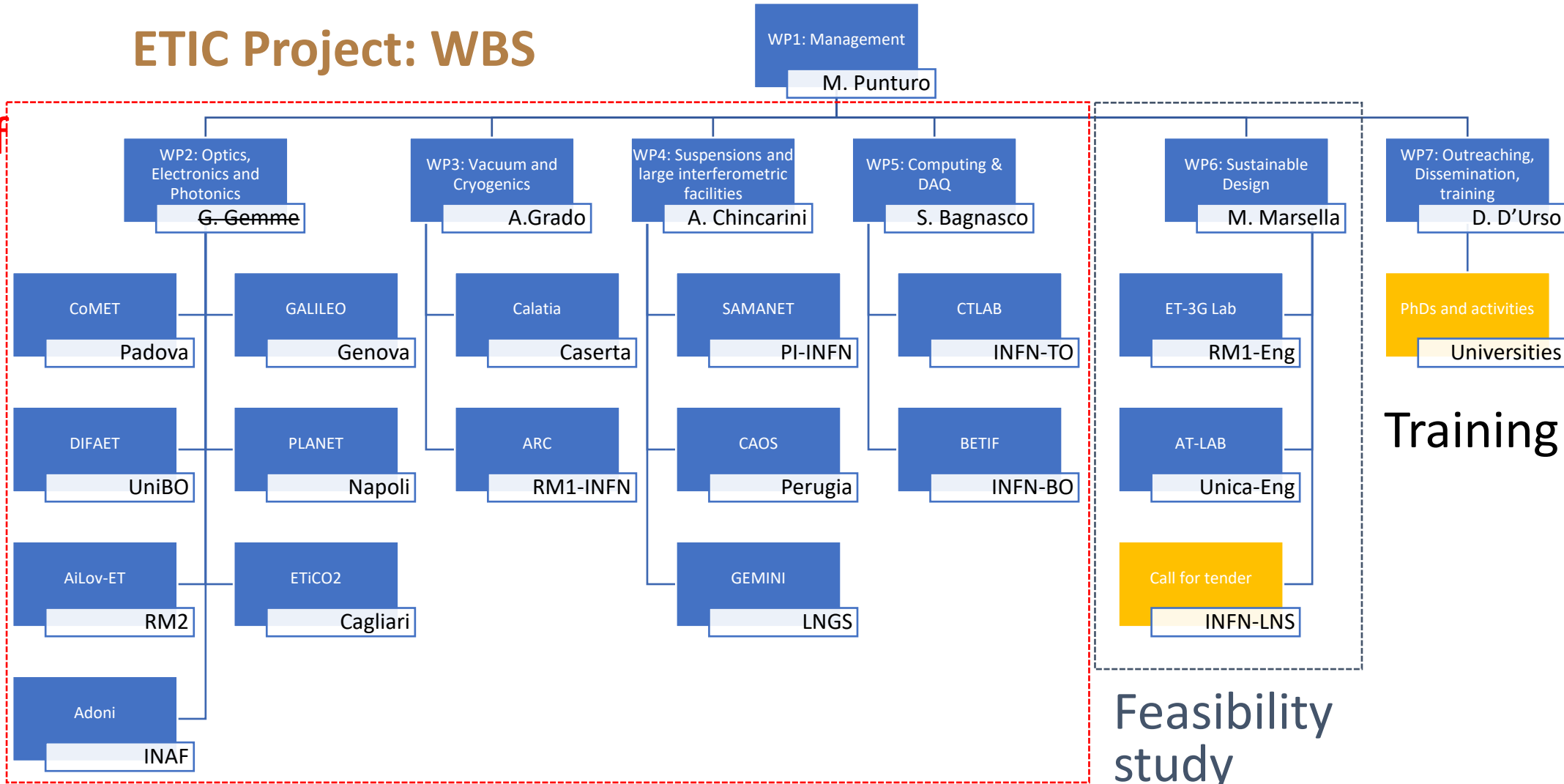
ETIC: Principal Investigators



ETIC: OU Board



ETIC Project: WBS



Network of facilities to be created or updated thanks to ETIC

Training

Feasibility study



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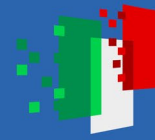


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ETIC Facilities

- Best way to look at them:
 - <https://web.infn.it/einsteintelelescope/index.php/it/home-it-it/infrastrutture-e-labs>



Studio di prefattibilità

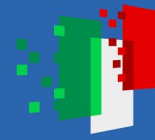
- The Italian candidature of the site in Sardinia passes through the WP6 of ETIC
 - An European call for tender of about 17.5M€ has been opened weeks ago and it is approaching its closure
 - Engineering studies, geotechnical studies, cost evaluations
 - Call for tender managed by LNS-INFN (Gaetano Schillaci) within the WP6 coordinated by the Civil Engineering department of the Rome 1 University (Maria Marsella)
- This candidature is supported and surveilled at the highest level of the Italian Government



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Candidatura Italiana

