

February 26th

Plenary

14:00 – 15:00

Registration, Welcome and Plenary talk

Session 1 - Role of small Telescopes in top science

15:00 – 15:30

Enrica Iodice

The “role” of the VLT Survey Telescope (VST) in the era of next-generation facilities for surveys

-Coffee-break-

Session 2 - Role of small Telescopes in top science

16:00 – 16:30

Alessandro Marchini

Research with a 30 cm telescope at the Astronomical Observatory of the University of Siena

16:30 – 17:00

Andrea Reguitti

Scientific contributions of the telescopes of the Asiago Observatory

17:00 – 17:30

Alfredo Biagini

The use of small- and medium-class telescopes for spot modeling through multiband photometry

17:30 – 18:00

Albino Carbognani

Small bodies of the Solar System with the “Cassini” telescope



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26 Febbraio 2024 h 21:00

Auditorium Sant'Apollonia

Via S.Gallo 25, Firenze

Galileo Inquieto

Fabrizio Vitali
Luigi Pulone

Istituto Nazionale di Astrofisica

6th Chianti Topics - Internal Focus Workshop



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February 27th

Session 3 - Instruments & Techniques

- 09:00 – 09:30 Gabriele Umbrico
Speckle interferometry at the Asiago Astrophysical Observatory
- 09:30 – 10:00 Luca Zampieri
Ultra-fast optical photometry with the Asiago telescopes
- 10:00 – 10:30 David Darson
SIRIS: a new, fast, high dynamic, and very low noise SWIR camera installed on the T1m of Pic du Midi

- Coffee break -

Session 4 – Instruments & Techniques

- 11:00 – 11:30 Gabriele Rodeghiero
A new near-IR imager for the 1.1m infrared telescope of the Campo Imperatore Observatory
- 11:30 – 12:00 Paolo Picchi
Polarimetry: a different window to the sky (even for small telescopes)
- 12:00 – 12:30 Leonardo Vanzi
High Resolution Spectroscopy with Small Telescopes and Low Budget

- Lunch break -



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Session 5 – Small Telescope Networks

- 14:00 – 14:40 Anastasia Kokori (invited)
Re-inventing the use of small telescopes in the new exoplanet era:
Lessons learnt from the ExoClock project
- 14:40 – 15:10 Dario Barghini
PRISMA: a network of very small telescopes for the monitoring of
bright meteors and the recovery of freshly-fallen meteorites in
Italy
- 15:10 – 15:40 Lorenzo Betti
The scientific role of the Osservatorio Polifunzionale del Chianti in
the GAPS and TFOP networks
- 15:40 – 16:10 Youdong Hu
The burst observer and optical transient exploring system in the
multi-messenger astronomy

- Coffee break -



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Session 6 – Solar Observations

- 16:30 – 17:10 Ilaria Ermolli (invited)
About one-order of magnitude smaller, but still challenging and breakthrough: the case for solar telescopes
- 17:10 – 17:40 Lorenzo Cabona
LOCNES: a specialized small telescope designed for the investigation of the Sun-as-a-star spectra in the Near Infrared. Commissioning and first scientific results.

Session 7 – Space Telescopes

- 17:40 – 18:10 Fatemeh Zahra Majidi
Mauve: A UV-Vis Cubesat dedicated to studying the Stellar Magnetic Activity



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February 28th - Morning

Session 8 – Space Surveillance

09:15 – 09:45 Alberto Buzzoni
(Ultra) Wide-Field Optical Systems for Space
Surveillance Activities: The Tandem and Astra
Projects

Session 9 – Robotic Telescopes

09:45 – 10:15 Lina Tomasella
Robotic Schmidt and RoboCop: the robotisation
of the Schmidt 67/92 and Copernico 1.82 m
telescopes in Asiago, Cima Ekar

10:15 – 10:55 Emilio Molinari (invited)
The REM robotic telescope: an early pioneer on
the frontier 20 yrs after.

Coffee break



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February 28th - Morning

Session 10 – Surveys

- 11:10 – 11:40 Fabrizio Bocchino
Small telescopes and short cadence monitoring surveys: the case of GaIRSG
- 11:40 – 12:10 Mauro Dolci
New life for the Schmidt telescope at Campo Imperatore station: from remote to automated observations of transients
- 12:10 – 12:40 Luigi Mancini
EDEN Survey: Small Transiting Planet Detection Limits and Constraints on the Occurrence Rates of Planets around Late-M Dwarfs within 15 pc

Lunch



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February 28th - Afternoon

Session 11 – Management & Operations

15:00 – 15:40 Paul Groot (invited)
Some lessons learnt from the BlackGEM and MeerLICHT wide-field telescopes

15:40 – 16:10 Emanuele Pace
The Osservatorio Polifunzionale del Chianti: a multidisciplinary approach to science

Coffee break

Session 12 – Space Surveillance

16:30 – 17:10 Ettore Perozzi (invited)
Space surveillance: an opportunity for small telescopes

Session 13 – Management & Operations

17:10 – 17:40 Luca Fini
Evaluating and enhancing the performances of a small telescope

17:40 – 18:10 Davide Ricci
A common software interface to observe with giant and small telescopes



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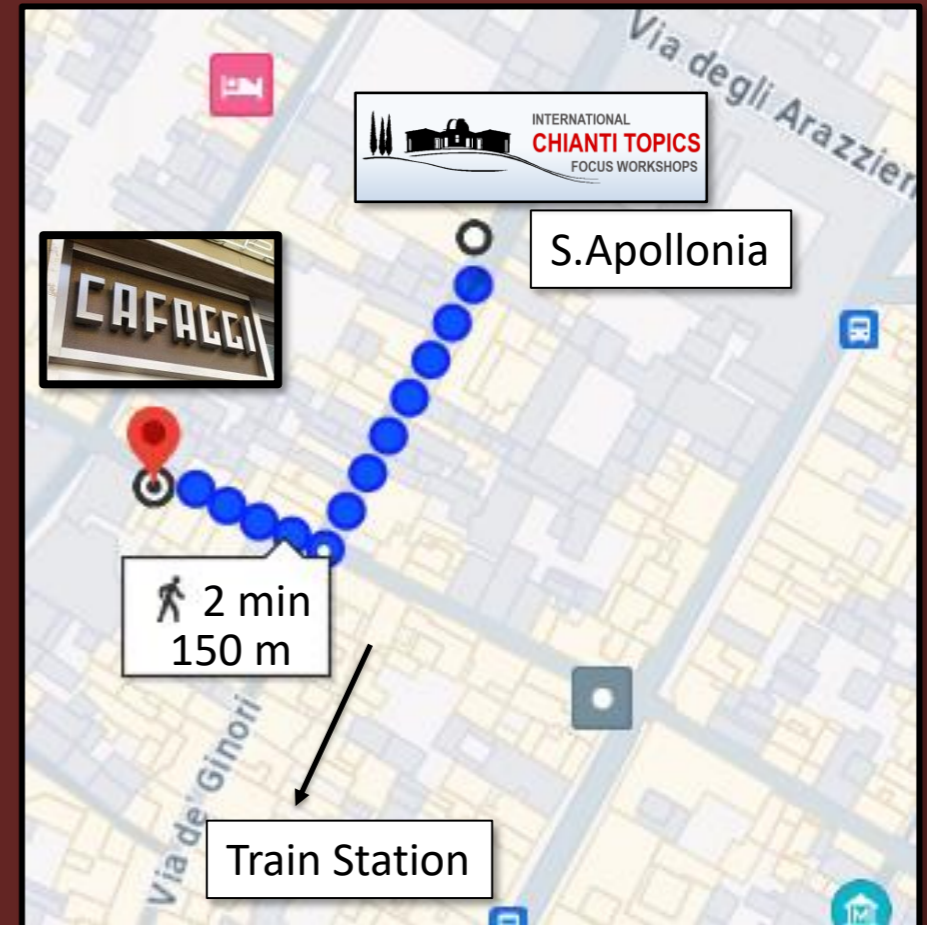
February 28th

Social Dinner – h 20:00

Ristorante Cafaggi

Via Guelfa, 33 “red”, Florence

150 m  from S.Apollonia
2 min



February 29th

Session 13 – Education, Outreach & Citizen Science

09:00 – 09:40 Alessandro Pizzella (Invited)
Education and small telescopes: Ph.D. and other activities at the Padova telescopes

09:40 – 10:10 Alessandro Ravagnin
ShaRA: an open project to stimulate passion for the cosmos

--- Coffee break ---

Session 14 – Education, Outreach & Citizen Science

10:30 – 11:10 Sandra Savaglio (invited)
Small telescopes for science communication: some personal experiences

11:10 – 11:40 François Colas
The 1-m telescope at Pic du Midi: a collaborative science program in the course of a long history of the observatory



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February 29th

Session 14 – Education, Outreach & Citizen Science

11:40 – 12:10 Riccardo Ciantini
The Osservatorio Polifunzionale del Chianti: a bridge from science to public engagement

12:10 – 12:20 Filippo Maria Zerbi
Osservatorio Astronomico Regionale Parco Antola Fascia: The Starantola Team

--- Lunch ---

Session 15 – Round table: Perspectives of the Small Telescopes

14:00 – 14:30 Filippo Maria Zerbi
Indeed Small, but Smart. Small Telescopes in the AI era

14:30 – 15:30 Round table

End of the Workshop



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