



The ESPRESSO day (27th March 2018 – 14.00 Brera Cupola fiore)

The ultra-high stable spectrograph **ESPRESSO** is on its way to be offered to the astrophysical community for new and exciting science! Let's illustrate the successfully faced technological challenge and the main stream research lines keeping an eye toward the future.

1. An overview of ESPRESSO. Toward 10 cm/sec of radial velocity accuracy.

(Francesco Pepe, PI of the Instrument – University of Geneva)

(14:15 – 15:00)

2. Technological contribution of INAF-Brera in the ESPRESSO project. From design to first light.

(Marco Riva, System Engineer of ESPRESSO – INAF Brera)

(15:00 – 15:45)

3. Free ESPRESSO coffee break

(15:45 – 16:15)

4. Science with ESPRESSO. Main galactic and extragalactic research lines and the role of INAF Brera with the upcoming photons.

(Marco Landoni – INAF Brera)

(16:15 – 16:45)

5. Toward the future. The case of ESPRESSO successor: HIRES@ELT. Technological aspects and science cases.

(Matteo Genoni – Università degli Studi dell'Insubria)

(16:45 – 17:15)