



STRADE meeting 25-26 November 2021



Thursday 25 November 2021

Introduction: The STRADE project and goal of the meeting: Juan (10:00 -- 10:10)

WP1: The Spectroscopic surveys

10:10 -- 11:00 Updates ongoing surveys and data base (~10min / talk)

- ULLYSES/PENELLOPE: Carlo
- GHOS T: Simone
- GGSy: Fabrizio
- Gravity: Rebeca / Alessio
- EXORCISM: Teresa

11:00 -- 11:30 Future surveys

- SOXS (WP2): Juan
- MOONS: Germano
- Vera C. Rubin Observatory LSST: Sara

11:30 -- 11:45 Coffee break

Contributed Talks (~12min. / talk + 2-3min. questions / comments):

WP2 Disk evolution: Accretion, photo-evaporation and cluster dynamics

Chair: Francesca

11:45 -- 12:00 Carlo: The PENELLOPE large program: the science

12:00 -- 12:15 Antonio F.: Ancillary photometry and spectroscopy of ULLYSES/PENELLOPE

12:15 -- 12:30 Katia: Accretion in low metallicity environments: present studies and future prospects with MOONS, JWST, MAVIS

12:30 -- 12:45 Manuele: the GHOST project: recent results on accretion on Taurus sources and future prospects

12:45 -- 13:00 Carlo: Studies of externally photoevaporated disks in Sigma-Ori

13:00 -- 14.30 Lunch break

14:30 -- 14:45 Germano: Young clusters dynamics

14:45 -- 15:00 Sara: Multi-band and interdisciplinary accretion/ejection diagnostic in young stellar objects

15:00 -- 15:30 Discussion: (Juan)

WP3: Jets/outflows and mass loss

Chair: Carlo

15:30 -- 15:45 Simone: AO-assisted observations of jets from TT stars: the case of DG Tau

15:45 -- 16:00 Brunella: IR spectroscopy of young embedded stars and their jets

16:00 -- 16:15 Coffee break

16:15 -- 16:30 Francesca: The molecular 'outflow of HL Tau: new surprises from ALMA

16:30 -- 16:45 Manuele: Winds in Orion/sigma Ori sources of the PENELLOPE survey

16:45 -- 17:15 Discussion (Brunella)

Friday 26 November

WP4: Disks and variability

Chair: Sara

10:00 -- 10:15 Rebeca: Gravity results on Herbig Ae/Be stars

10:15 -- 10:30 Alessio: Gravity results: high-mass YSOs

10:30 -- 10:45 Mathieu: telluric correction on GIARPS spectra

10:45 -- 11:00 Robin: the case of HD141569

11:00 -- 11:15 Teresa: Spectroscopic and photometric monitoring of eruptive variables:
present studies and future prospects with SOXS, Vera Rubin...

11:15 -- 11:30 Juan: The GHOsT pilot study: Analysis of optical and NIR veiling as tracers of
Macc and inner disk regions.

11:30 -- 11:45 Coffee break

11:45 -- 12:00 Antonio G.: Near-IR and ALMA view of streamers accreting on disks

12:00 -- 12:30 Discussion (Fabrizio)

General free discussion: (~ 30 min. / topic)

- Synergies within STRADE

Lunch break 13:00 -- 14:30

- Future exploitation of data and analysis (PENELLOPE, GHOsT, GGSy, SOXS, Rubin LSST)
- Future collaborations (JWST, ERIS-GTO....)
- Future proposals for funding

Conclusion 16:00 -- 16:15