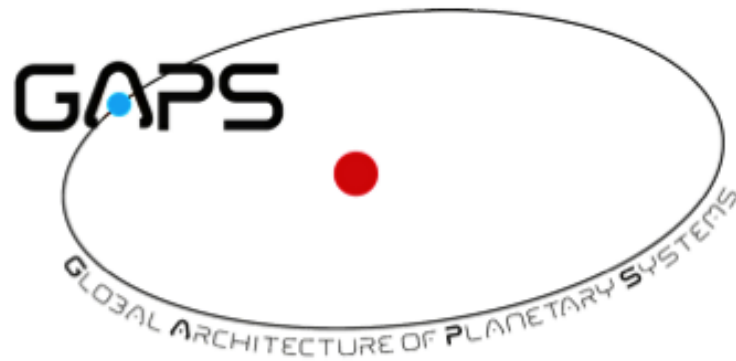


8th GAPS Progress Meeting



Wednesday, 6 April 2016 - Friday, 8 April 2016

Osservatorio Astronomico di Padova

Scientific Programme

8th GAPS PROGRESS MEETING

Padova, April 6th (h.13) - April 8th (h.13), 2016

Wednesday, April 6th

13:00 lunch at the Observatory

14:00-17:00 Splinter sessions:

M dwarfs session (Sala della Madonna)

TBD

FGK Session: status of on-going programs (Sala Jappelli)

14:00: Intro

14:10: Malavolta/Piotto: status OC

14:40: Esposito/Covino: status RML

15:10: Claudi: status transiting planets

15:30: Desidera: status KP stars with long period planets

15:50: Benatti: KP individual targets: KP7 & KP74

16:10: coffee break

16:30: Sozzetti: status MP

Plenary Session (Sala Jappelli)

17:00: available slot for specific contributions (SPI, stellar activity, individual objects, etc.)

17:15: Boccato/Masiero: status Outreach

17:30: Affer: comparison of RVs with HARPS-N pipeline and TERRA

17:40: Micela: brief summary of M dwarf session

18:10: status papers in preparation, work organization and synergies

19:30 Social dinner at the Astronomical Observatory of Padova followed by the theatrical performance 'Starlight' by Filippo Tognazzo.

Thursday, April 7th

09:00: TBD: Introduction: possible strategies for the new GAPS

09:15: Molinari: political context/new agreement with HARPS-N Consortium

10:00: Sozzetti: HARPS-N GTO and possible synergies/complementarities with GAPS

10:30: Claudi: GIARPS (science case, expected performances, schedules)

11:00 – 11:30 coffee break

11:30 Gratton: Possible uses of GIARPS in GAPS: young active stars

11:50 Carleo/Benatti: First results for a young stars with (non-simultaneous) NIR and HARPS-N RVs

12:00 Desidera: synergies with direct imaging (SPHERE, LEECH)

12:20 Malavolta: Young open clusters with GIARPS

12:40 Gonzalez: Use of GIARPS for cool stars: first results from non-simultaneous observations

13:00 – 14:00 lunch

14:00 TBD: Atmospheric characterization experiments: GIARPS as the first pioneer

14:20 Pagano/Piotto: Possible synergies with K2, CHEOPS, TESS

14:50 Sozzetti: Synergies with GAIA

15:10: Bor>sa: chromatic line-profile tomography to reveal exoplanetary atmospheres

15:30: Additional ideas for the new GAPS

Long term program

Single-semester programs (for AOT34 if a new long-term program will be submitted after availability of GIARPS)

16:00 – 16:30 coffee break

16:30 – 18:30 continuation and discussion

Friday, April 8th

09:00 Board: summary of board meeting

09:30: Operative discussion for the new proposal (AOT34)

11:00: coffee break

11:30: Ancillary observations

12:00: Smareglia/Bignamini: Archive and pipeline situation

12:30: slot buffer

13:00 End of the meeting