

GAPS 2.0: Working Group Meeting

Tuesday, 17 January 2017 - Wednesday, 18 January 2017

Univ. La Sapienza

Scientific Programme

PLANETARY ATMOSPHERES

Roma, 17 Gen 2017

14:00 S. Desidera: Il nuovo GAPS

14:20 S. Benatti: GIARPS Status

14:40 R. Claudi: Atmosphere WG goals

15:00 V. Nascimbeni: Methods and observation strategy

15:30 A. Bonomo/ F. Borsa/ M. Esposito/ L. Affer/ G. Scandariato: Pilot Program

16:10 Coffee Break

16:30 Open discussion

18:00 End of first day

19:45 Social Dinner at the Osteria "A Piedi Pari"

PLANET SEARCH AROUND YOUNG STARS WITH GIARPS

Roma, 18 Gen 2017

9:00 Welcome and introduction

9:05 I. Carleo/R. Claudi/S. Benatti: Expected RV performances of GIARPS

9:15 F. Marzari: Timescales of various migration mechanisms and expected properties of close-in planets at various ages

9:35 R. Gratton: Scientific questions for a RV program on young stars with GIARPS

09:55 L. Fossati: A bimodal correlation between host star chromospheric emission and the surface gravity of hot Jupiters

10:15 N. Lanza: RV jitter of young stars in the optical and NIR

10:35: coffee-break

10:55 S. Desidera: Target selection for pilot and long-term programs on young stars

11:25 L. Malavolta: Optimal scheduling for GIARPS observations of young stars and activity modeling

11:50 M. Damasso: Ancillary observations

12:10 K. Biazzo: Activity/accretion diagnostics in the NIR

12:30 Lunch

13:45-15:00 Discussion on Young Planets program

15:00-16:00 A. Sozzetti: Summary and synergies between the two programs

16:00 end of meeting