

'5 Years of HARPS-N Science' Workshop

Friday, 9 February 2018 - Friday, 9 February 2018

Scientific Programme

5 YEARS OF HARPS-N SCIENCE WORKSHOP, La Palma Island, 09/2/2018

09:00: MEETING START

09:00 TNG Director: Welcome/preamble

09:10 F. Pepe: 5(+5) years of big science with HARPS-N

09:40 L. Malavolta: The diversity of planetary interiors with HARPS-N: the Kepler-101, Kepler-19 and K2-141 systems

10:00 F. Motalebi: The HARPS-N Rocky Planet Search

10:20 M. Damasso: The K2-3 system of sub-Neptunes characterized with HARPS-N and HARPS

10:40 P. Molaro/S. Zaggia: The Earth as a transiting planet

COFFEE BREAK (11:00-11:30)

11:30 R. Rebolo: HARPS-N monitoring of K and M dwarfs: super-Earth discoveries and rotation/activity induced RVs

12:00 E. Poretti: HARPS-N high spectral resolution observations of Cepheids

LUNCH BREAK (12:20 - 14:00)

14:00 D. Latham: Looking ahead: The TESS Mission opportunity

14:30 E. Villaver: TAPAS at HARPS-N

14:50 O. Barragan: Unveiling the nature of K2 exoplanets with HARPS-N

15:10 G. Hebrard: HARPS-N and SOPHIE joint studies of transiting exoplanets

15:30 A. Sozzetti: 5 years of GAPS programme with HARPS-N (and what's next)

COFFEE BREAK (16:00-16:30)

16:30 A. Bonomo: Investigating giant planet migration history with HARPS-N eccentricity and obliquity measures

16:50 G. Micela: Highlights from the HADES survey of M dwarfs

17:10 G. Piotto: Planets in Open Clusters from the GAPS programme

17:25 A. Bignamini: Exploitation of the HARPS-N archive services within the GAPS project

17:40 D. Phillips: Laser Frequency Comb Calibrator and Solar Telescope: status and initial results

18:15 J. Maldonado: The Sun: a test case for understanding stellar activity

18:30: END OF MEETING