

Some posters of interest for the splinter session
“Characterising stellar variability in the era of extreme radial velocity surveys of low-mass planets orbiting F-M stars”

Planets or stellar activity, unveiling the uncertainty. (Ancy Anna John)

abstract p 27 Mon/Tue poster #1

Hiding in plain sight: observing planet-starspot crossings with the James Webb Space Telescope (Giovanni Bruno)

abstract p 29 Mon/Tue poster #5

Dependence of Solar Activity Signals on the Formation Temperature of Spectral Lines (Khaled Al Moulla)

abstract p 40 Mon/Tue poster #29

Near-IR and optical radial velocities of the active M-dwarf star Gl388 (AD Leo) with SPIRou at CFHT and SOPHIE at the OHP: A rotational period of 2.23 days and no evidence for a planet in corotation (A. Carmona)

abstract p 42 Mon/Tue poster #33

Multi-wavelength stellar activity characterization of M-dwarfs observed by SOPHIE and SPIRou (Pia Cortes-Zuleta)

abstract p 43 Mon/Tue poster #35

Predicting Convective Blueshift of F, G, and K stars (Shweta Dalal)

abstract p 44 Mon/Tue poster #36

High resolution spectroscopy of the spatially resolved Sun (Monika Ellwarth)

abstract p 46 Mon/Tue poster #41

Fishing for Planets: Analyzing the Fisher Information Content of EPRV Exoplanet Surveys (Arvind F. Gupta)

abstract p 48 Mon/Tue poster # 45

HD88986: a multi-planet system with a temperate Neptune and a wide-orbit Jupiter mass planet (Neda Heidari)

abstract p 49 Mon/Tue poster #48

A Doppler imaging approach to high-precision filtering of stellar activity in the search of Earth twins (Baptiste Klein)

abstract p 52 Mon/Tue poster #54

Radial Velocities and Magnetic Flux Estimates via Multi-Mask Least-Squares Deconvolution (Florian Lienhard)

abstract p 55 Mon/Tue poster #59

Observing the Sun with EXPRES and the Lowell Observatory Solar Telescope (Joe Llama)

abstract p 55 Mon/Tue poster #60

The revised Vasy indicator: characterising stellar variability for exoplanet detection through line profile asymmetries (Laura Millson)

abstract p 57 Mon/Tue poster #63

Gaussian Processes and Physical Stellar Properties (Belinda Nicholson)

abstract p 58 Mon/Tue poster #65

A new method for the correction of micro-tellurics effects in radial velocity data (M. Ould-Elhkim)

abstract p 59 Mon/Tue poster #68

Modeling granulation's effect on stellar line shapes and EPRV surveys (Michael L. Palumbo III)

abstract p 60 Mon/Tue poster #69

Modelling stellar activity-induced rv signal with Gaussian Process Regression (Federica Rescigno)

abstract p 62 Mon/Tue poster #73

The Effects of Magnetic Intensification on Stellar RVs (Steven H. Saar)

abstract p 64 Mon/Tue poster #78

Poor knowledge of stellar activity: how to determine reliable “significance levels” for exo-planet detection? (Sophia Sulis)

abstract p 67 Mon/Tue poster #84

SCALPELS in the wild; TOI-1064. Separating stellar and planetary signals in EPRV exo-planetary data (Thomas Wilson)

abstract p 70 Mon/Tue poster #91

FIESTA II. Disentangling stellar and instrumental variability from exoplanetary Doppler shifts in Fourier domain (Jinglin Zhao)

abstract p 71 Mon/Tue poster #93

Stellar activity in the NIR helium line of young stars, and how its variability may impede exosphere detection (Daniel M Krolikowski)

abstract p 83 Mon/Tue poster #117

Determination of Fundamental Properties of M-dwarfs with New Model Atmospheres and Spectra (Aishwarya Iyer)

abstract p 103 Wed-Fri poster #160

Phase shifts between RVs and stellar variability indicators (Annelies Mortier)

abstract p 120 Wed/Fri poster #196

Temperature of Starspots from Multifilter Photometry (Maria Schutte)

abstract p 126 Wed/Fri poster #207

Multi-dimensional GP models for stellar activity: lessons from HARPS-South (Haochuan Yu)

abstract p 268 Wed-Fri poster #287

ONLINE only

Optimized radial velocity extraction in young/active fast rotating stars (C. Di Maio)

abstract p 188

Exploring the short-term variabilities of H-alpha and H-beta emissions in a sample of M Dwarfs (Vipin Kumar)

abstract p 217

Coupling 3D Simulations to Study Stellar and Planetary Atmospheres (Maria Chiara Maimone)

abstract p 225

RVxTESS: Mitigating RV Noise Induced by Stellar Jitter (Jiaxin Tang)

abstract p 256

SOAP-GPU: Efficient Spectral Modelling of Stellar Activity Using Graphical Processing Units (Yinan Zhao)

abstract p 269