



Contribution ID: 77

Type: **Oral**

# Mitigating stellar signals to reveal other Earths: review on the impact of stellar activity on exoplanet detectability

*Monday 18 March 2019 09:00 (30 minutes)*

The first part of this review will be devoted to the different stellar processes leading to spurious radial velocities. They are due to magnetic activity (spots, plages, and flares to a lesser extent) and to flows at various scales (from granulation to meridional circulation), or a combination of both (inhibition of the convective blueshift in plages). The second part of the talk will review approaches which have been followed by various groups over the past years to characterize these effects and then to mitigate them to be able to reach small mass planet.

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**Session Classification:** Stellar signals 1

**Track Classification:** Stellar signals