

*Questions, Comments and Answers following the presentation*

High-accuracy wavelength calibration - ESPRESSO  
Francesco Pepe

*Smette: How do you deal with telluric lines?*

We simply remove from the cross-correlation mask the spectral bands containing tellurics and micro-tellurics.

*Roth: Can your observation of systematics in the ThAr wavelength calibrations perhaps be explained by asymmetric LSF that changes over the field-of-view of the spectrograph camera (CCD)?*

Indeed. We observed systematics (absolute wavelength calibration changes, or absolute stellar RV changes) after refocusing the spectrograph. We suspect this to be due to IP variations, which in turn do not affect in a symmetric way the (narrow) thorium lines used for calibration, on the one hand, and the (wider) stellar lines used for RV measurement, on the other hand.