



Spectroscopic analysis CoRoT/Exoplanet fields

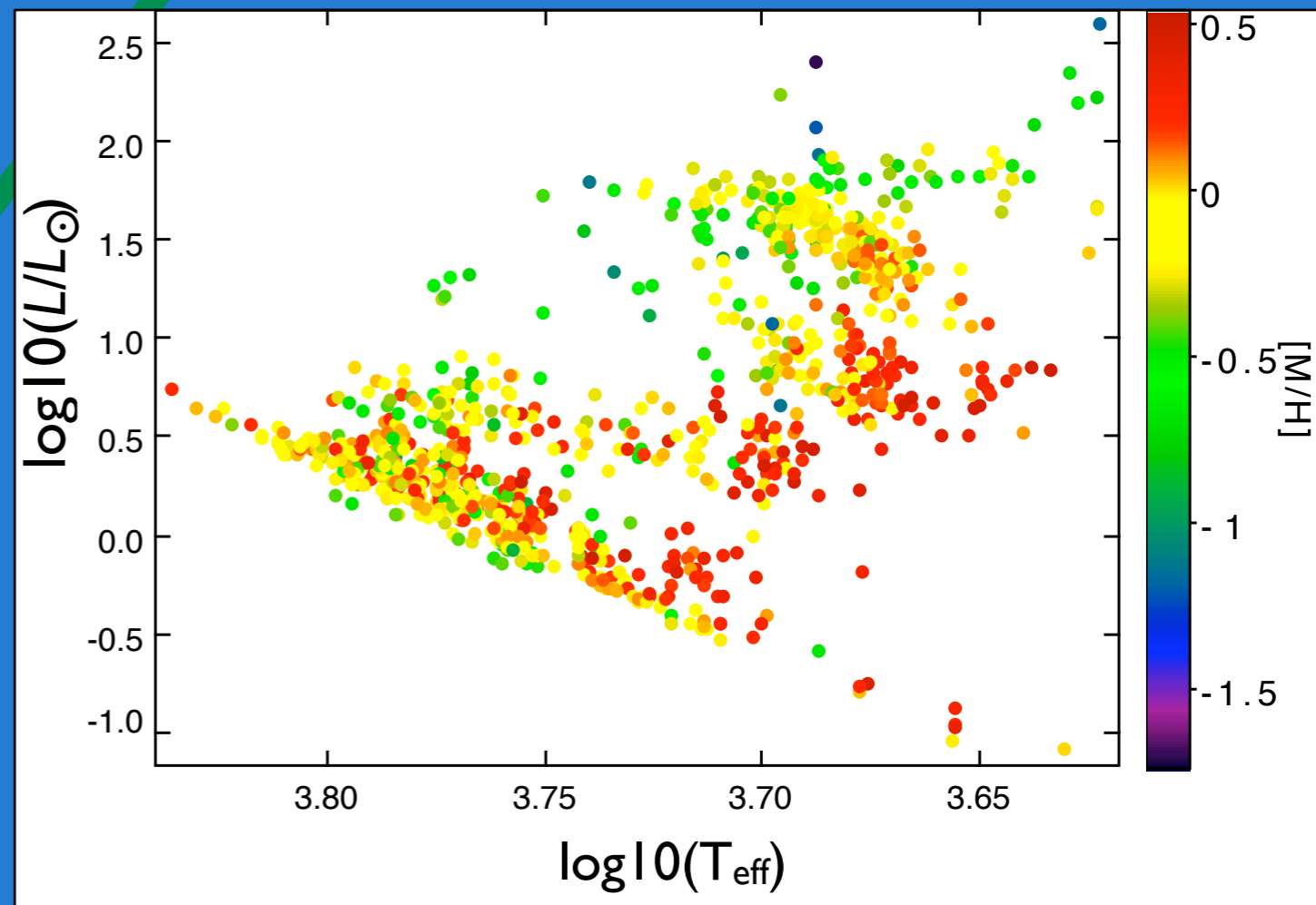
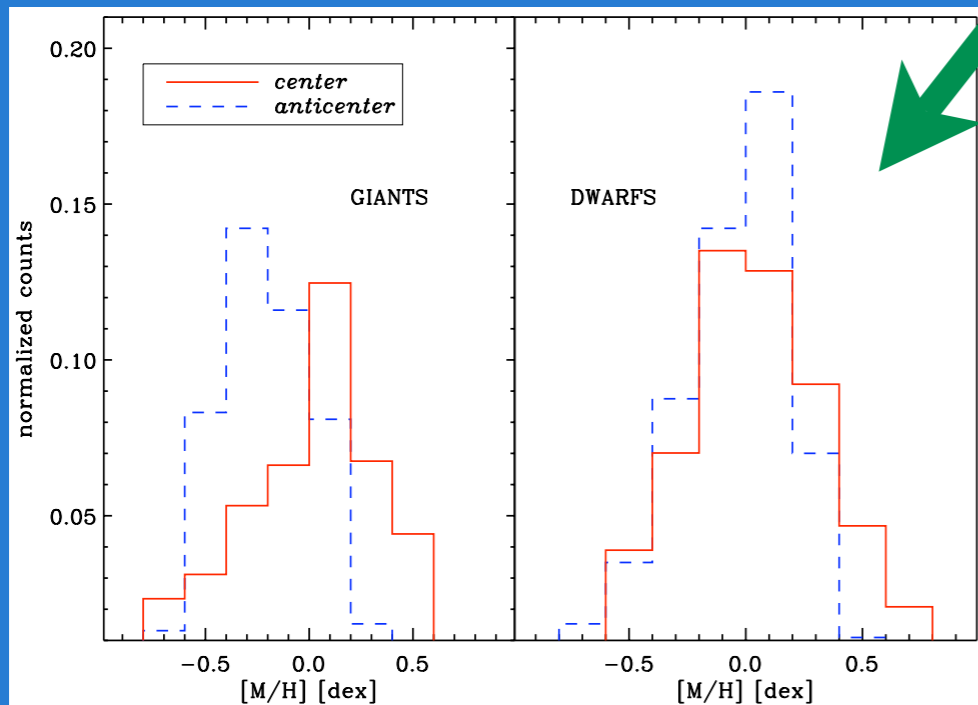
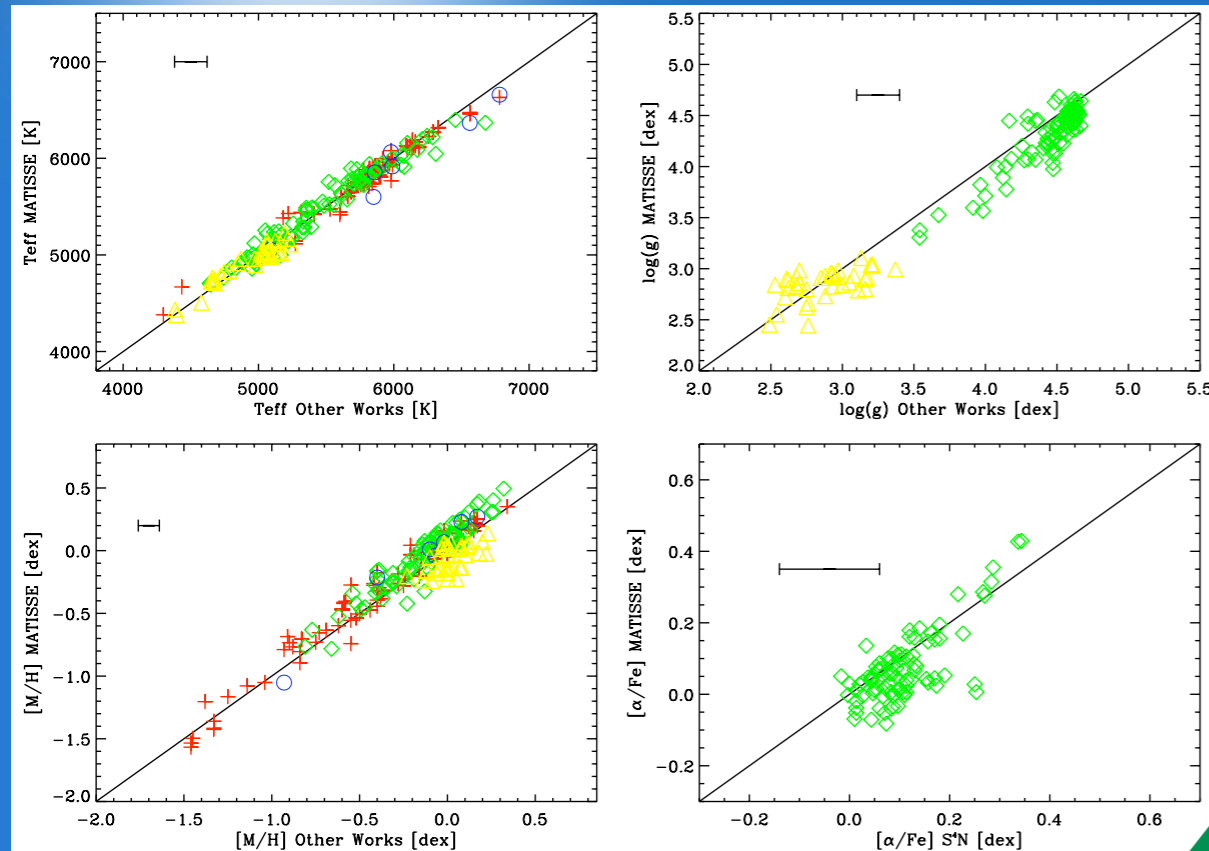
LRa01, LRc01 and SRc01

Jean-Christophe Gazzano (LAM Marseille)

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ROBUST AUTOMATIC & HOMOGENEOUS
Spectral Analysis for **~1900 FLAMES/GIRAFFE**
spectra **V_{rad} , T_{eff} , $\log g$, $[M/H]$, and $[\alpha/Fe]$** for
1227 stars in LRc01, SRc01 and LRa01

Basis for any study of **metallicity planet relation in CoRoT fields (Gazzano et al. 2010 Accepted)**
Galactic physics: **metallicity gradient** illustrated by the giants.





Spectroscopic analysis of CoRoT/Exoplanet fields

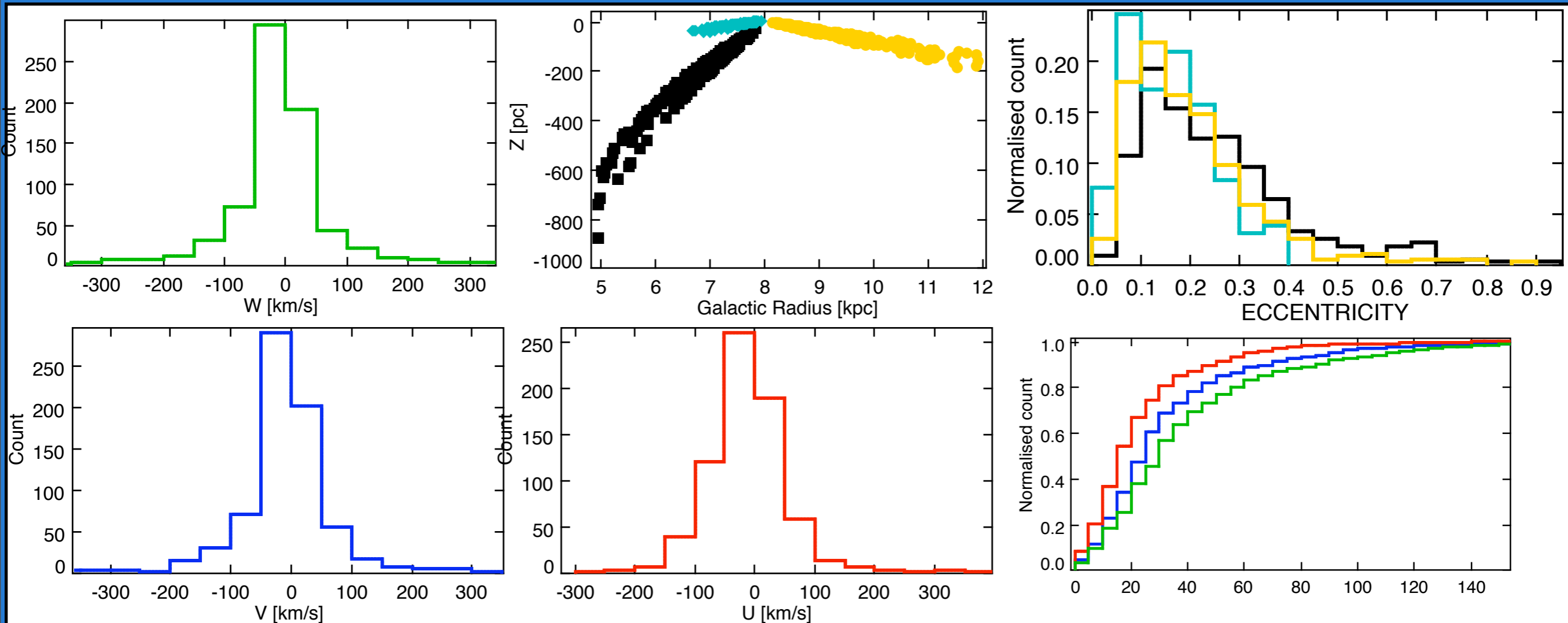
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➔ complete kinematics description

➔ Galactic structure (X, Y, Z, U, V, W) and orbits (eccentricities)
(Gazzano et al. in preparation)



Finishing PhD