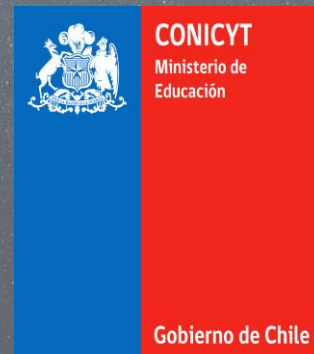


Interview Lagrange Laboratoire Observatoire de la Côte d'Azur, France Dr. G. Kordopatis & Dr. V. Hill

F. Gran, M. Zoccali, I. Saviane, E. Valenti,
A. Rojas-Arriagada, R. Contreras Ramos, J. Hartke,
J. Carballo-Bello, C. Navarrete, M. Rejkuba & J. Olivares

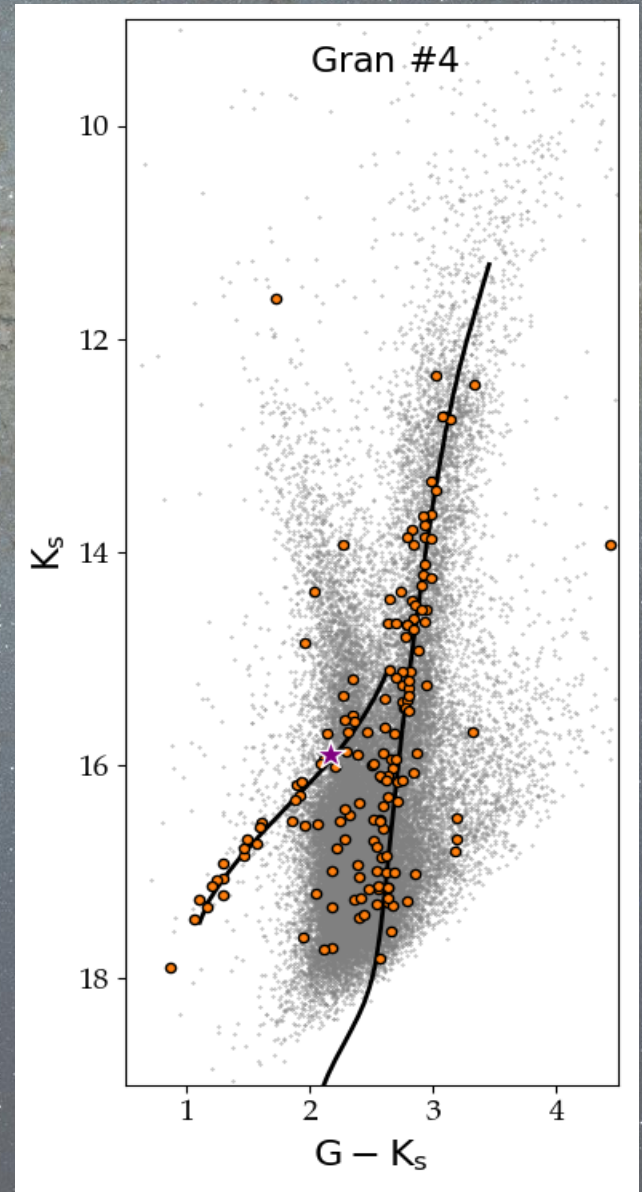
fegran@uc.cl

This presentation is available at
fegran.github.io/Interview_Nice.pdf



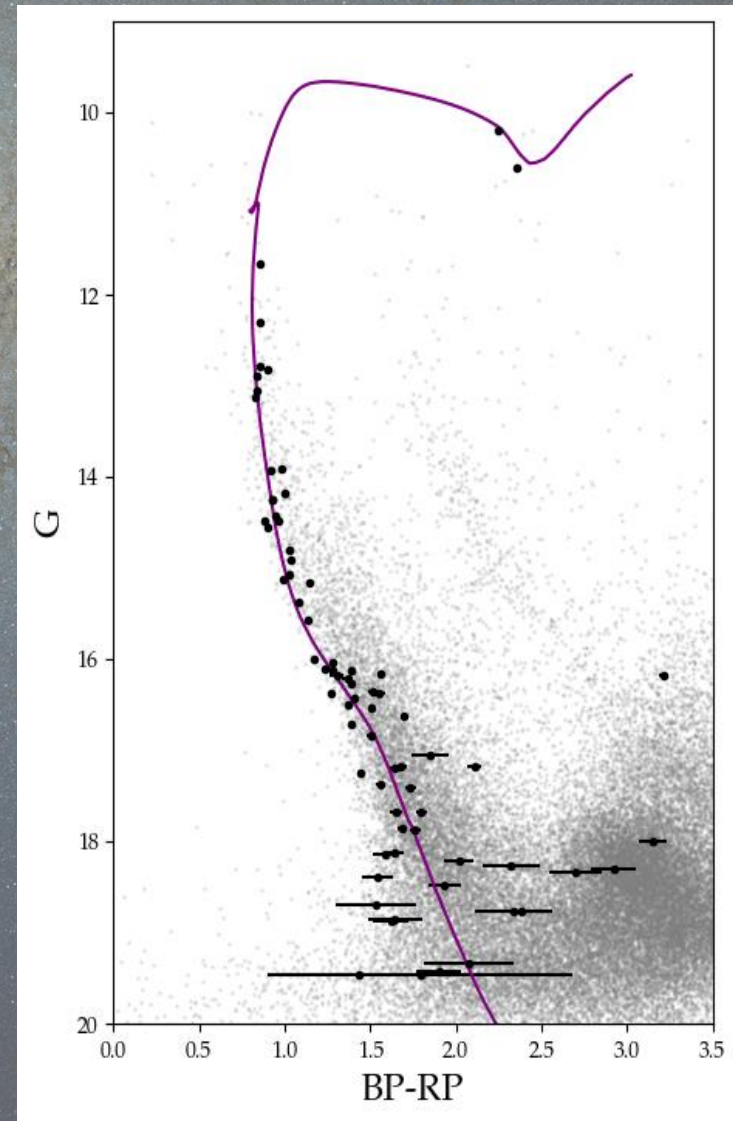
Past and current research interests

- Surveys:
 - Gaia, VVV, APOGEE
- Galactic bulge:
 - Structure with RR Lyrae stars
 - Globular clusters
- Variable stars:
 - Automatic classification
- **Proper motions as a key concept**



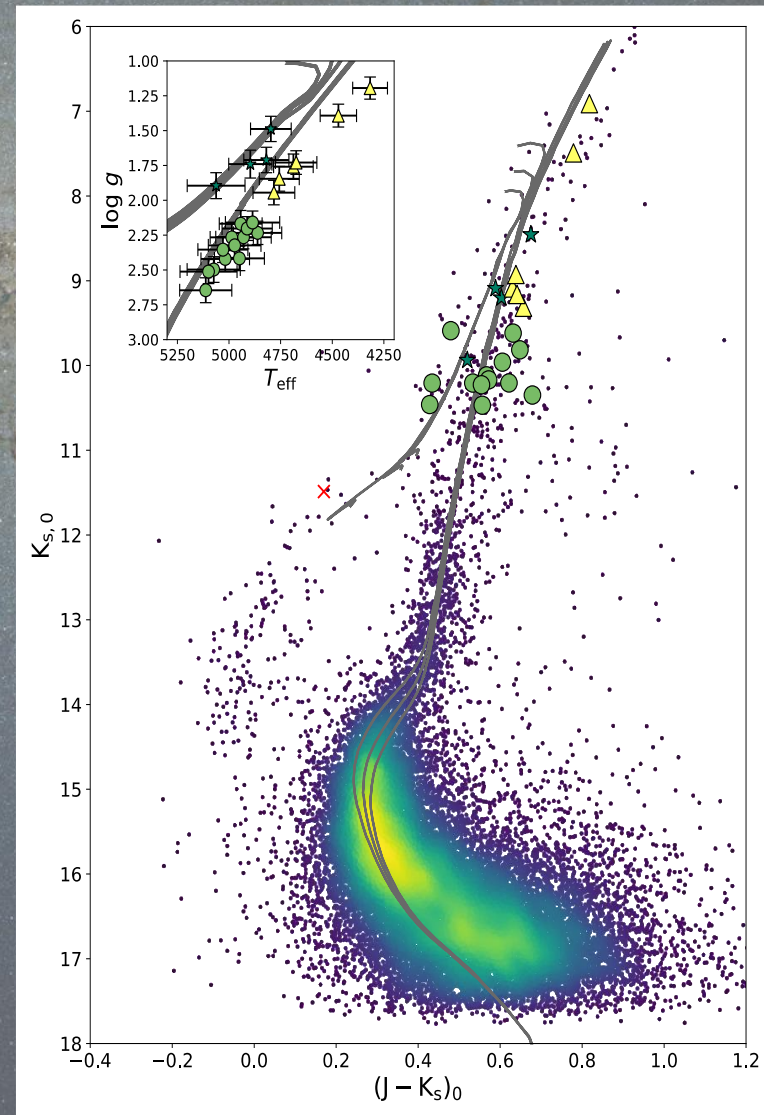
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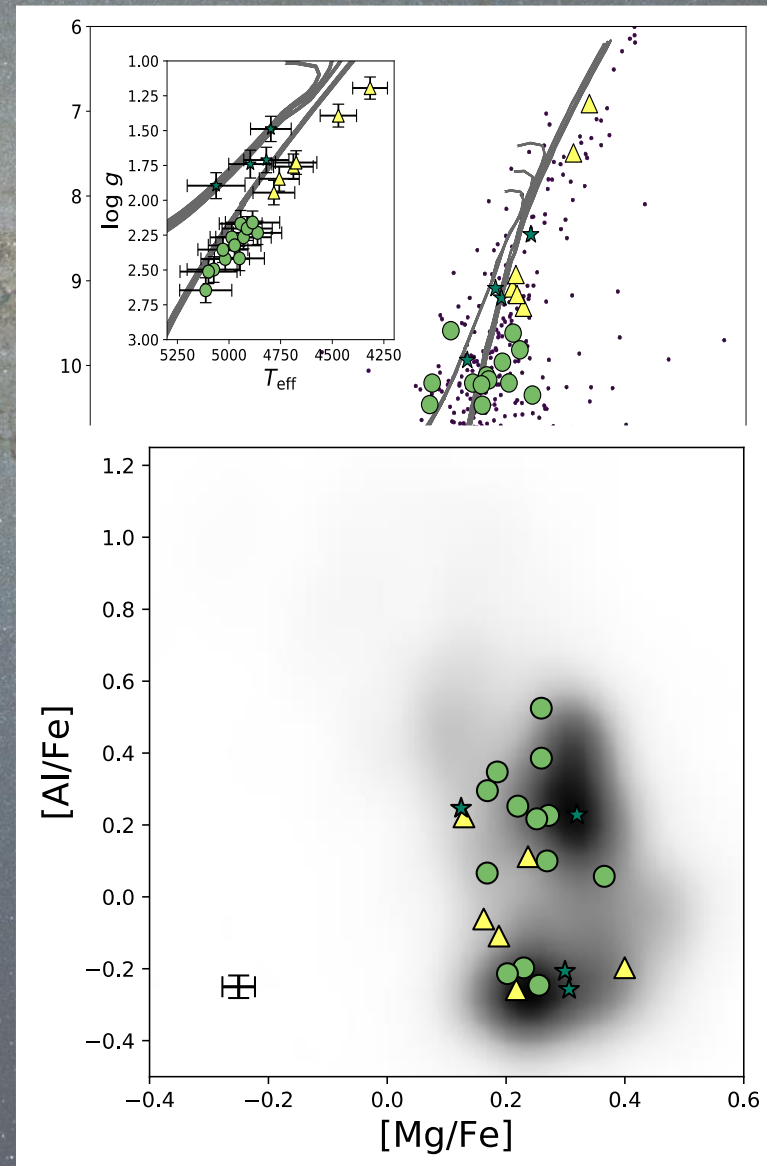
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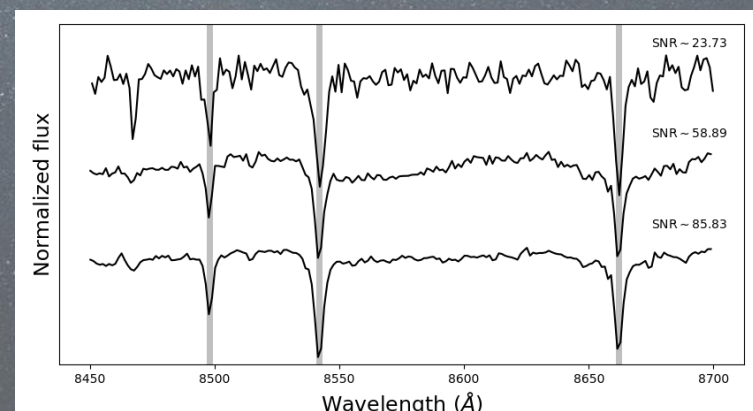
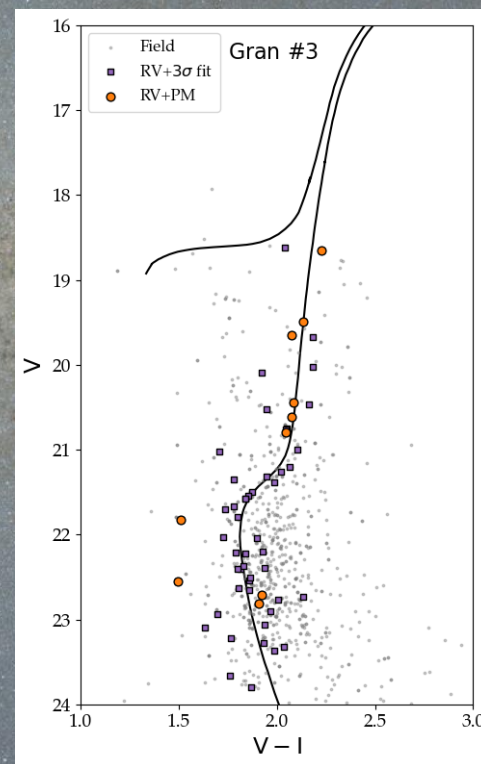
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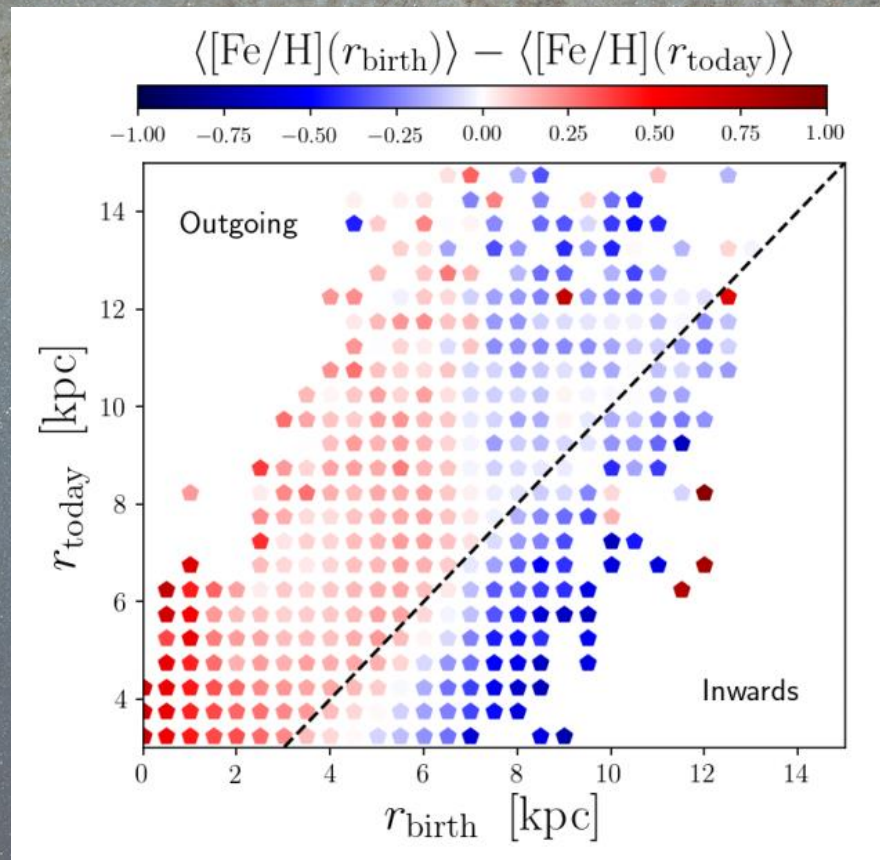
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- Variable stars:
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- **Proper motions as a key concept**



Research description and Plan

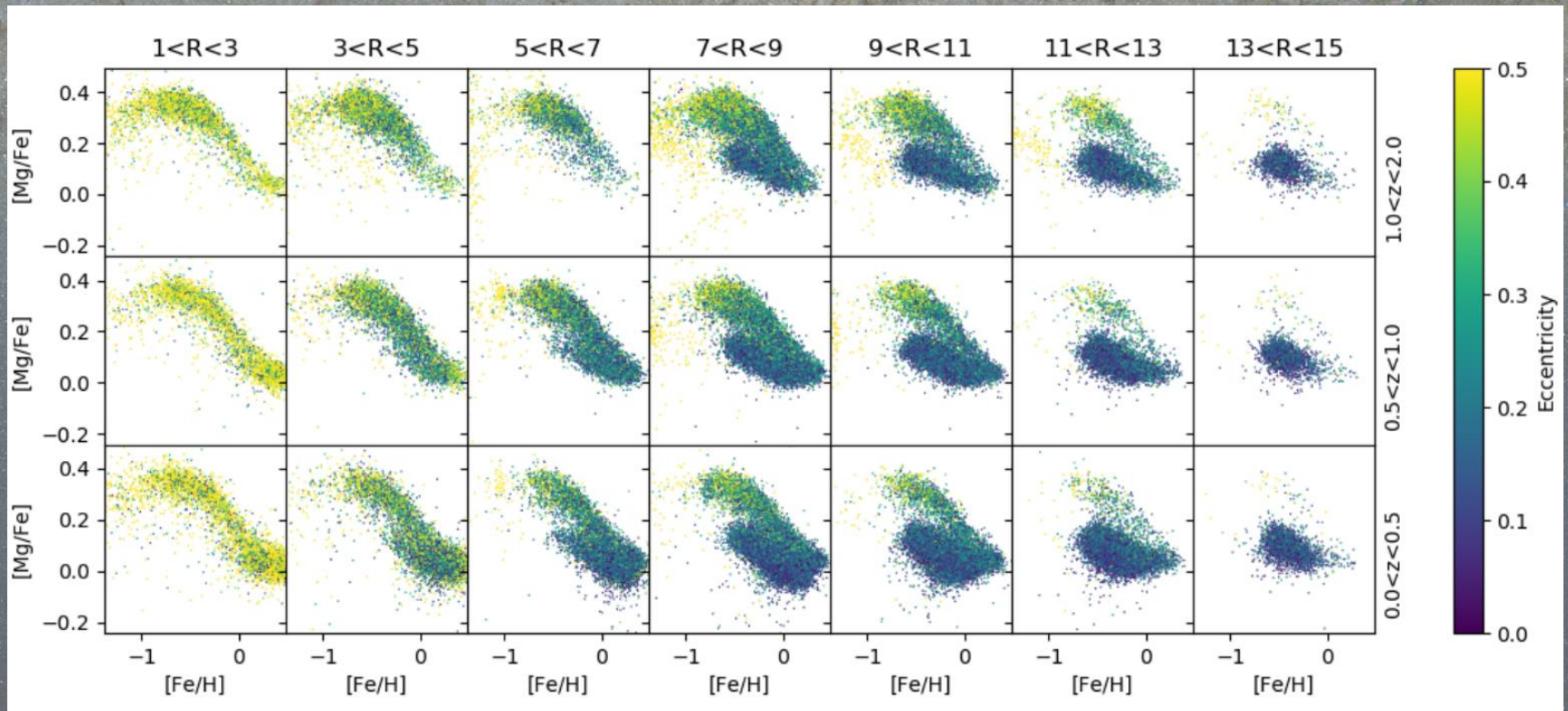
- Radial migration of disk stars:



Vincenzo & Kobayashi (2020)

Research description and Plan

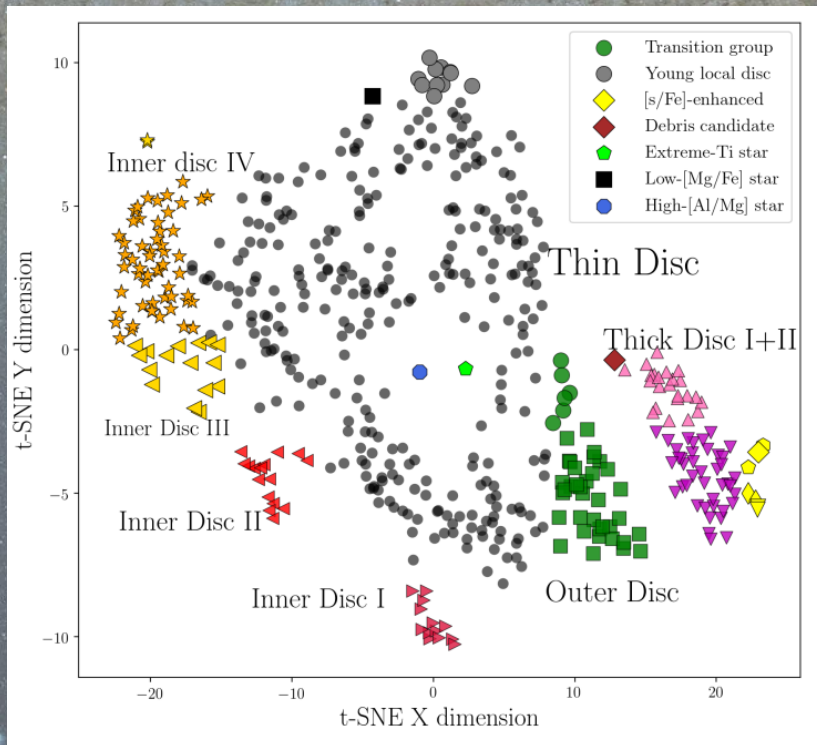
- Thin-thick disk separation:



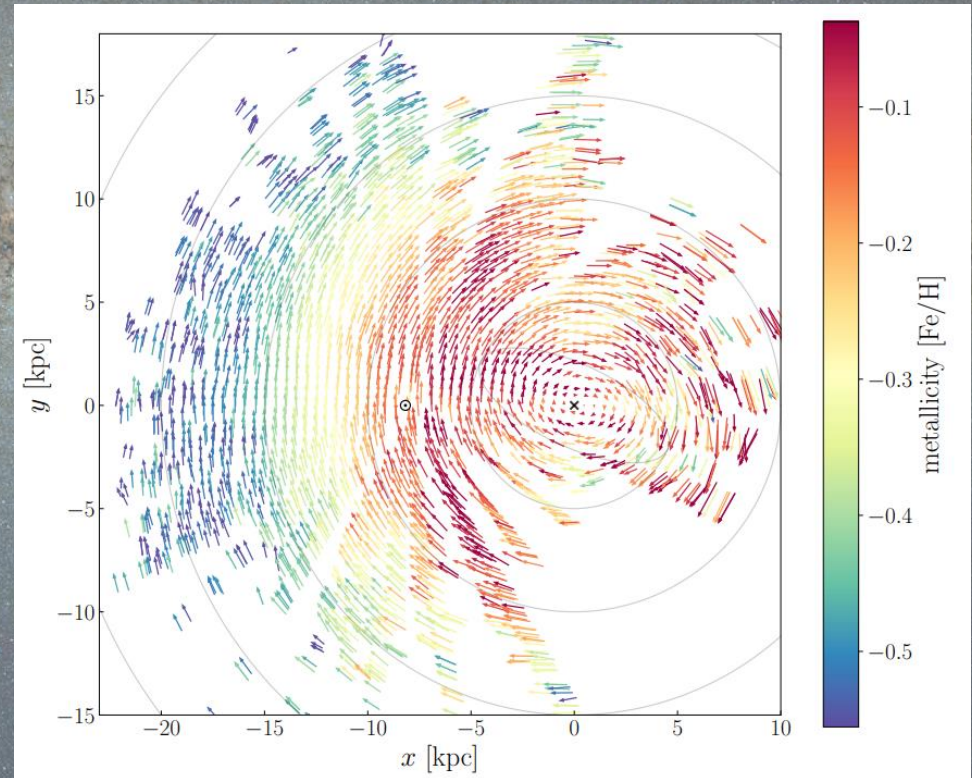
SDSS-IV Colaboración et al. 2021

Research description and Plan

- Other projects:



Anders et al. 2018

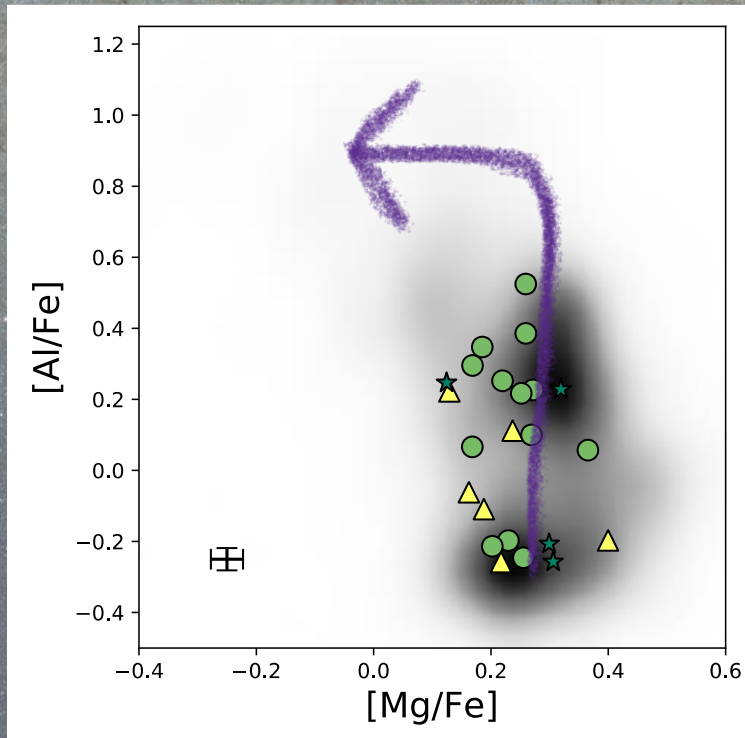


Eilers et al. 2021



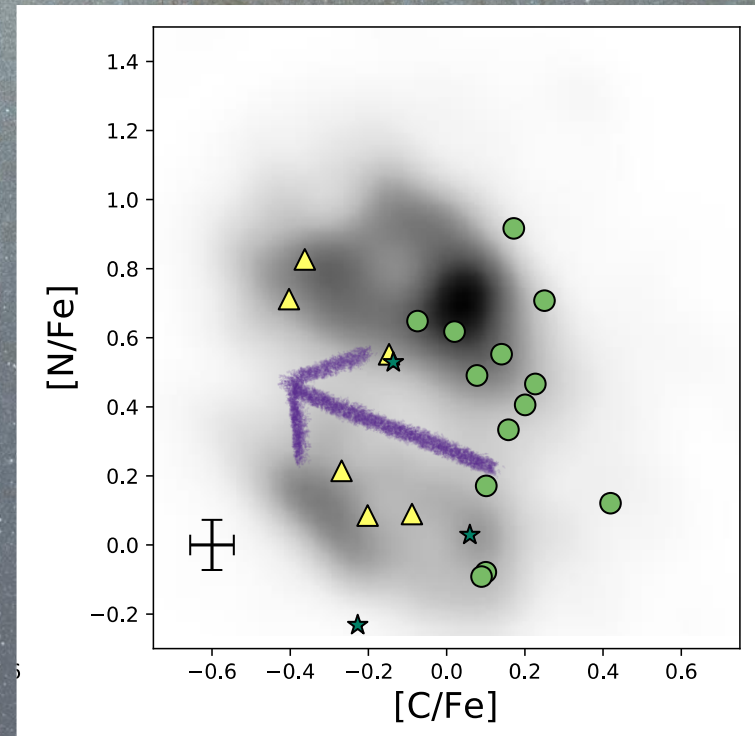
Thank you!

Known anticorrelations in NGC 6544

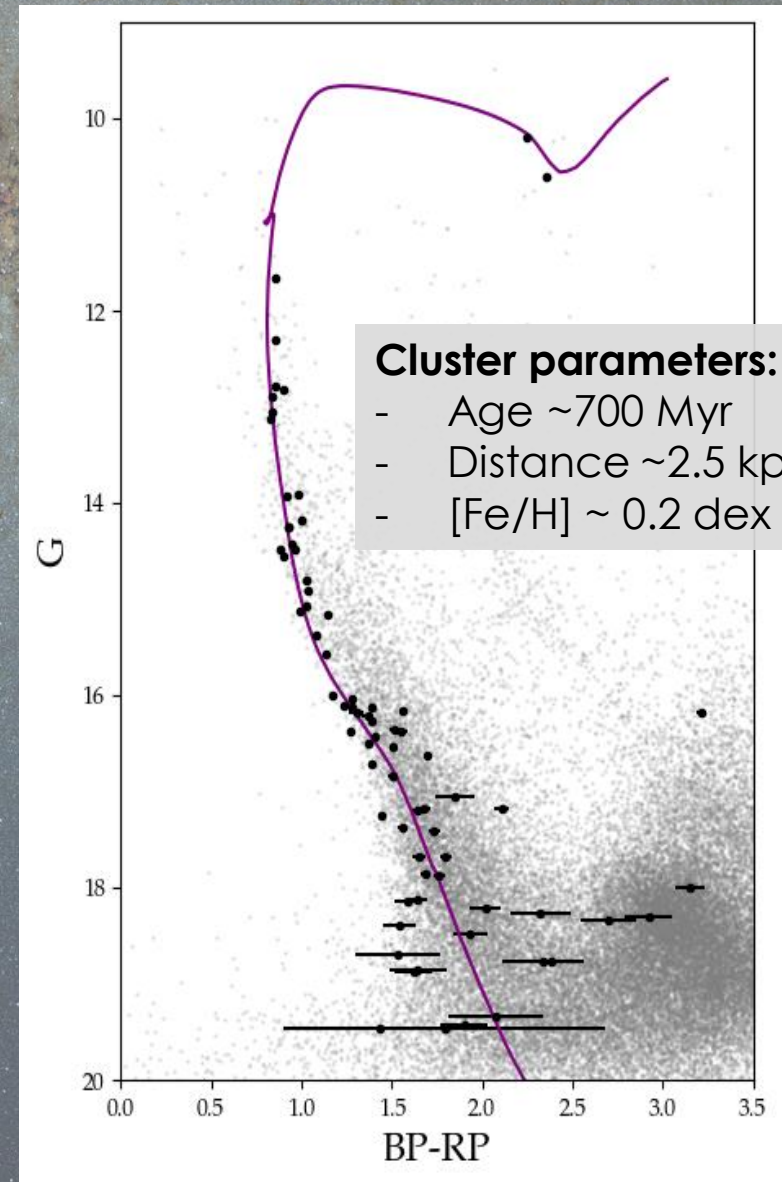
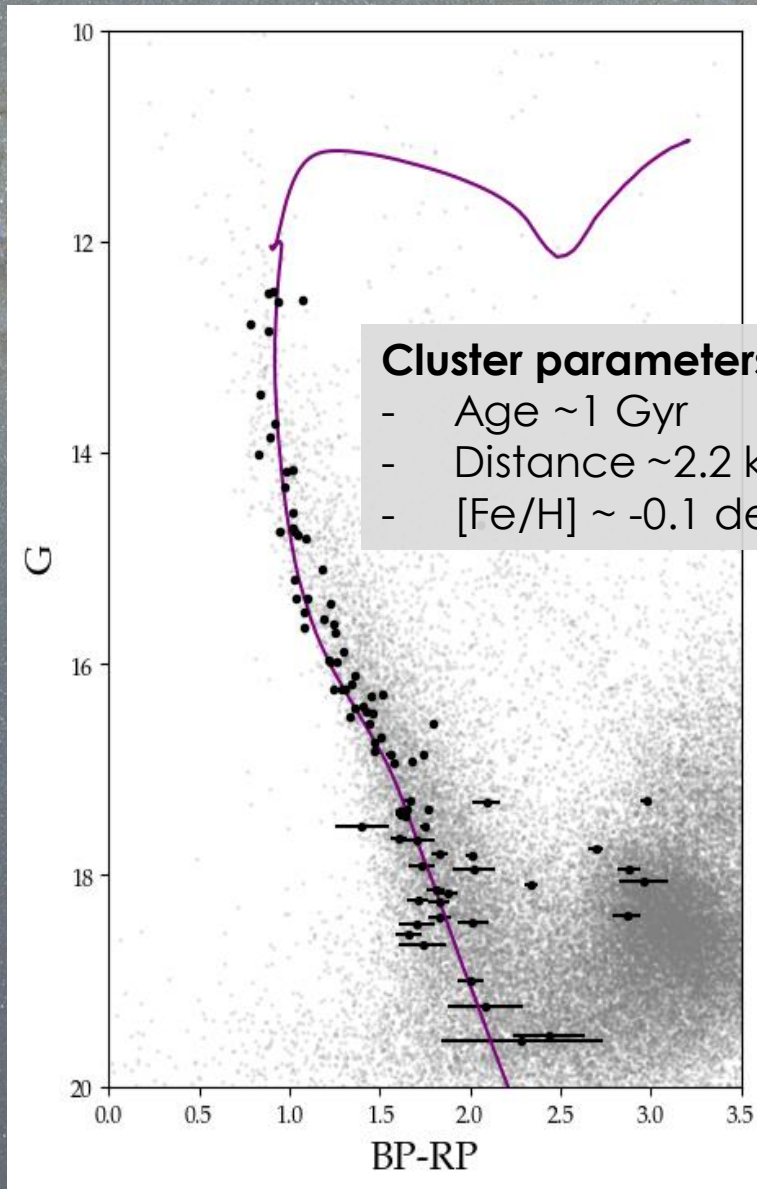


- Lower RGB (below the bump)
- ▲ Upper RGB (above the bump)
- ★ AGB

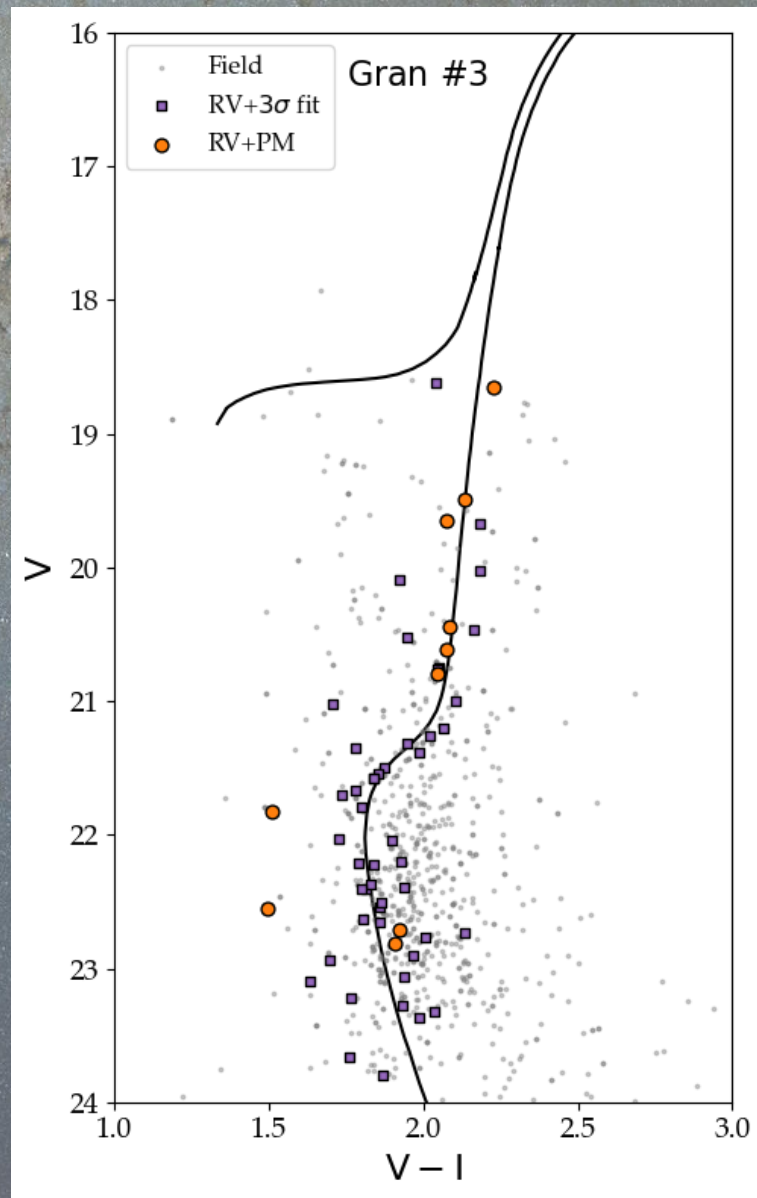
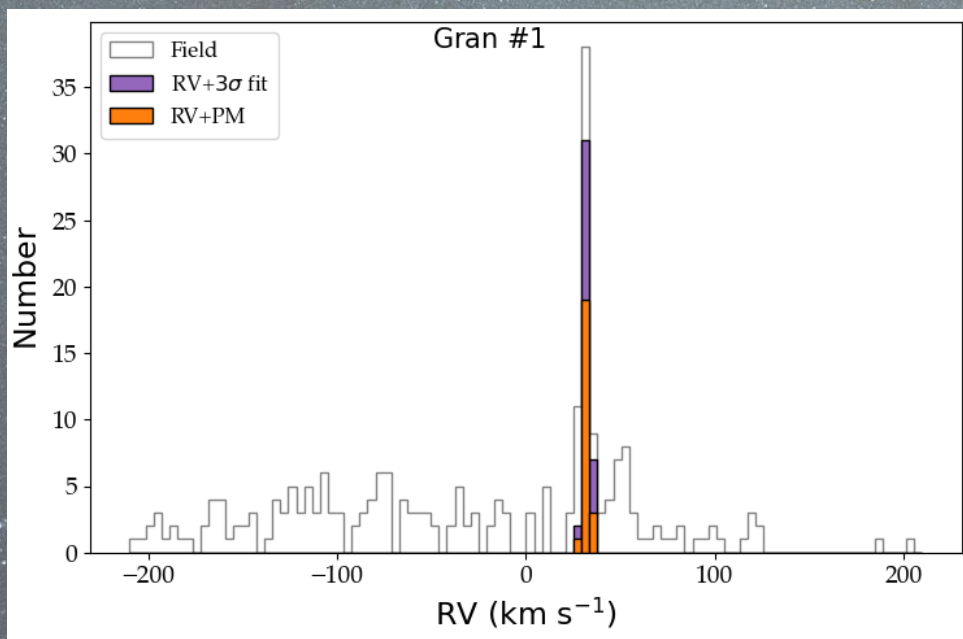
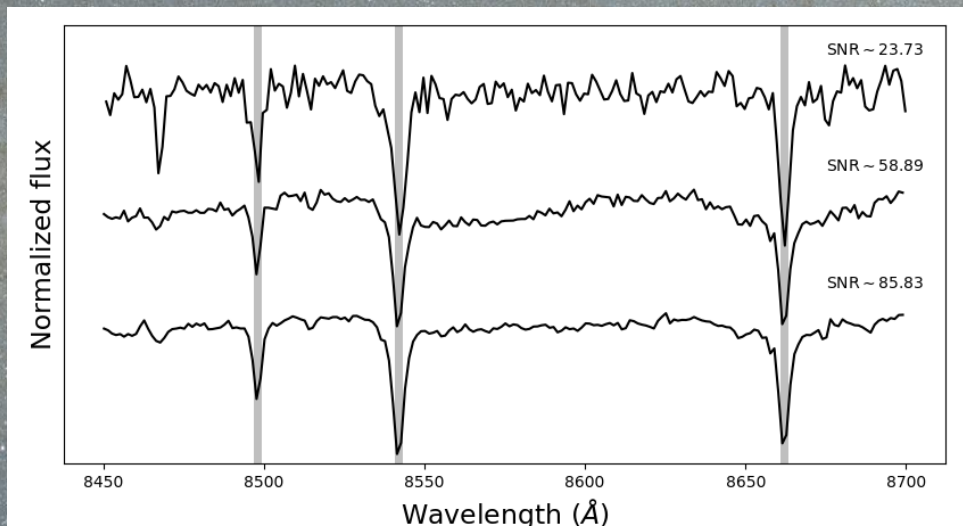
Background: APOGEE clusters



Open clusters towards the Galactic bulge



MUSE observations: P103 & P105



MUSE CMD of Gran #1

