

Annual Report 2025

Henryka Netzel

CAMK Annual Meeting 2025, Warsaw 22.01.2025

- until Sep. 2024 - Postdoc at EPFL (Switzerland) in VELOCE project of Richard Anderson
- since Nov. 2024 – Postdoc at CAMK in the Araucaria group

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Activities

- 5 refereed publication (3 first-author, 2 co-authored)
- In SOC of TASC/KASC Workshop
- Talk and poster at the Cep/RRL 2024 conference

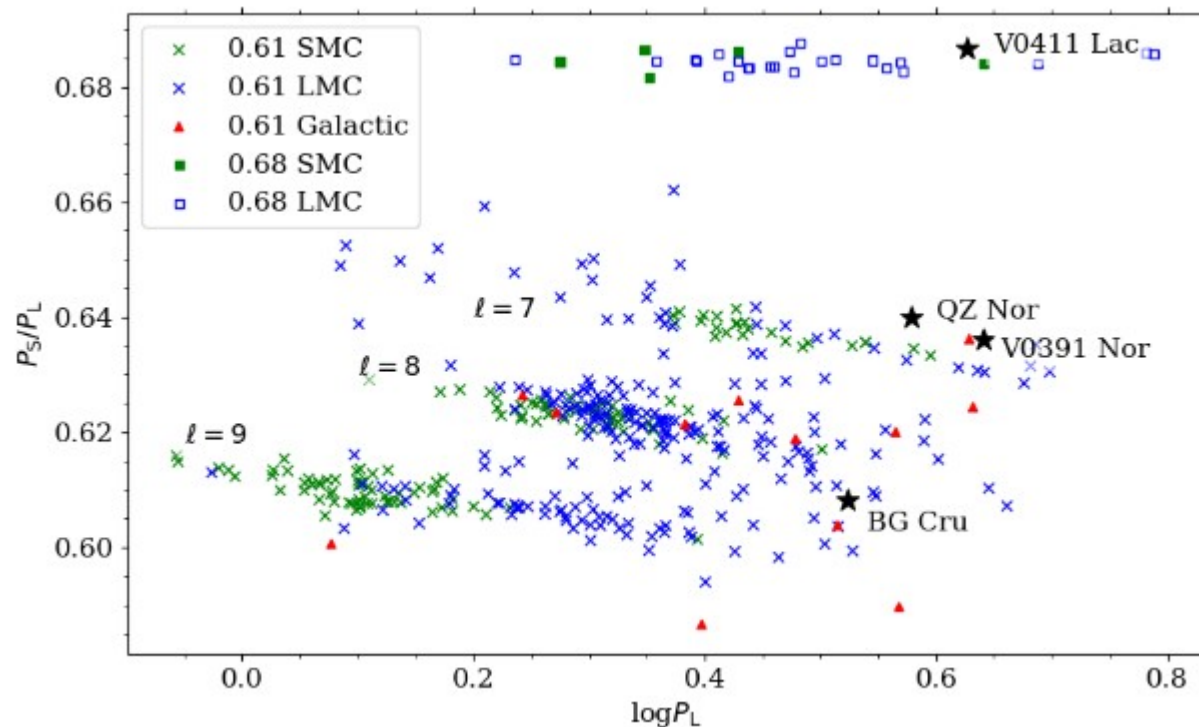
The VELOCE modulation zoo

I. Spectroscopic detection of non-radial modes in the first-overtone Cepheids BG Crucis, QZ Normae, V0391 Normae, and V0411 Lacertae[★]

H. Netzel[📧], R. I. Anderson[📧], and G. Viviani[📧]

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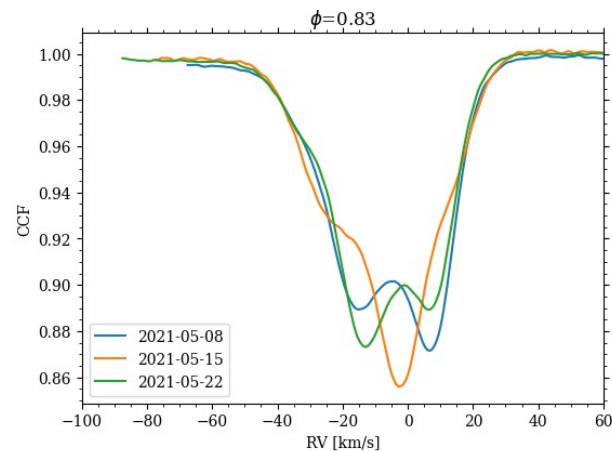
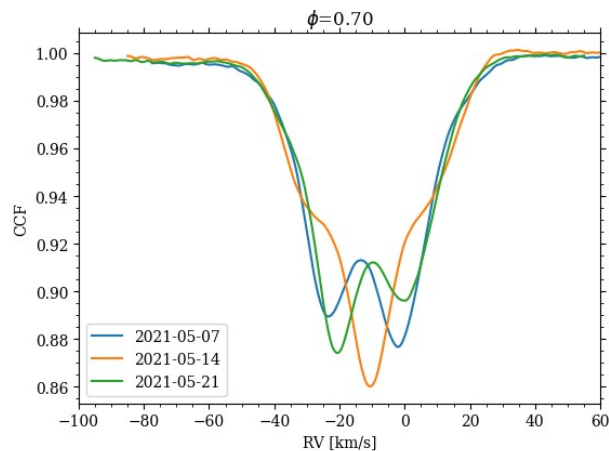
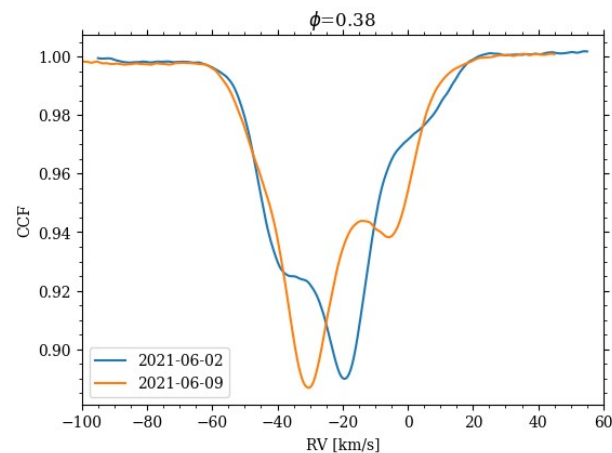
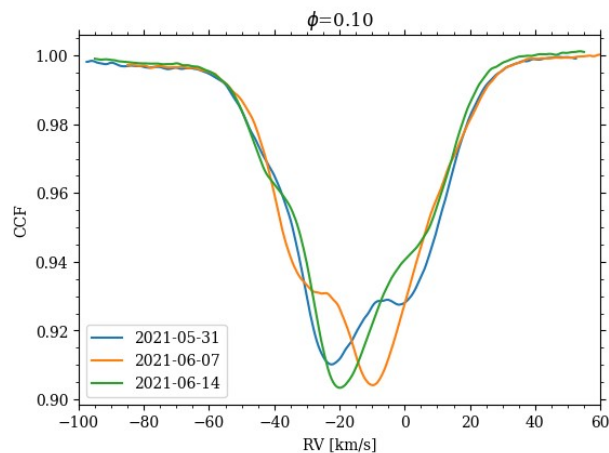


The VELOCE modulation zoo II.

Humps and splitting patterns in spectral lines of classical Cepheids

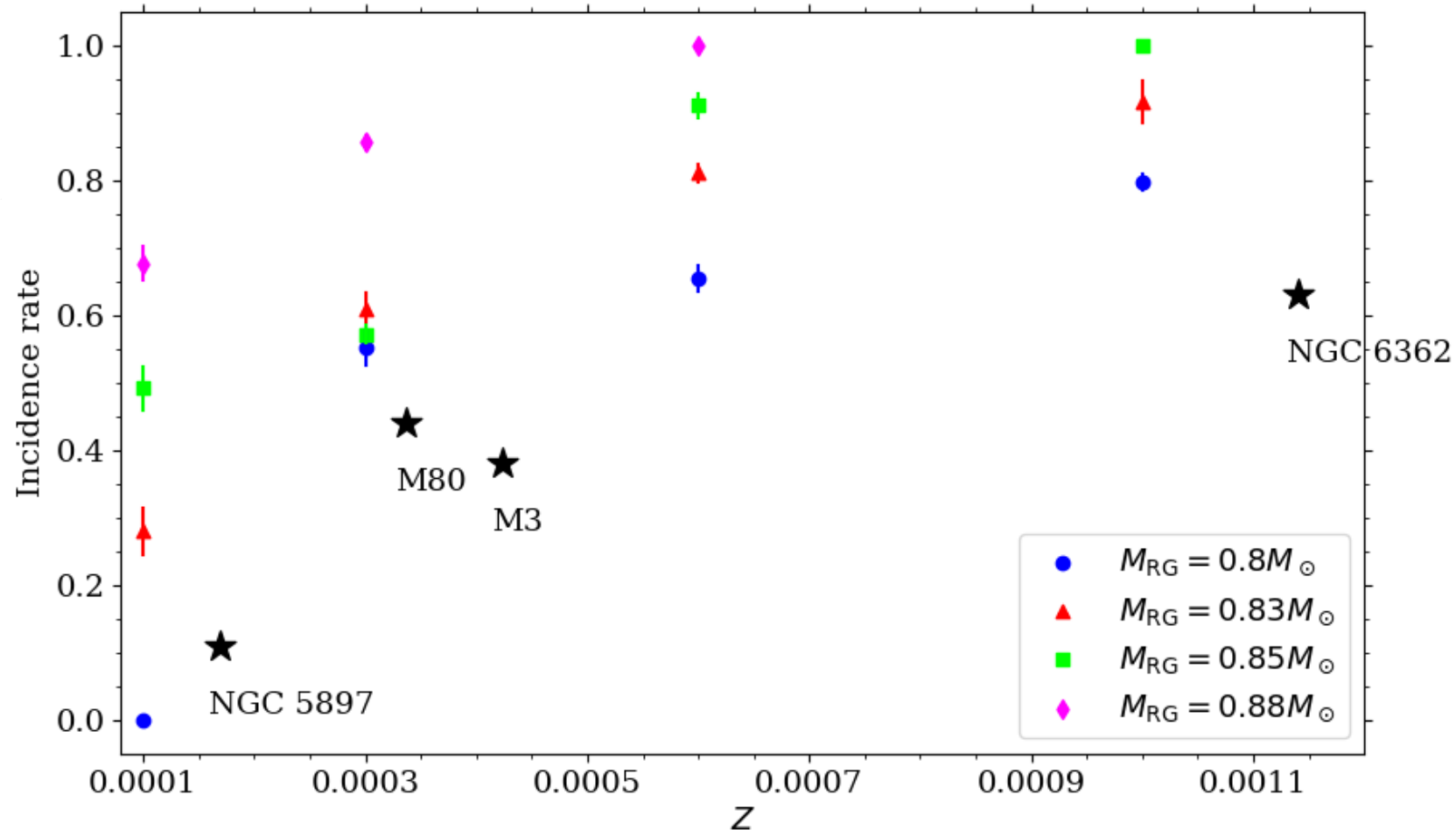
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Considering the incidence rate of RR Lyrae stars with non-radial modes

H. Netzel^{1,2,3,*}, V. Varga^{1,4}, R. Szabó^{1,2,4}, R. Smolec⁵, and E. Plachy^{1,2,4}



Variable stars in galactic globular clusters

I. The population of RR Lyrae stars★

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