Name: Victoria Antoci Email: antoci@phys.au.dk

Institution: Stellar Astrophysics Centre, Aarhus University
Title: The Hitchhiker's Guide to the A and F type stars

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Abstract: A and early F type stars occupy the region in the Hertzsprung–Russell diagram where the transition

from deep and effective to shallow convective envelopes takes place. This has a large impact on several astrophysical processes, such as rotation, activity and magnetic fields, mixing and diffusion, pulsations, mass loss, alignment of planetary systems, etc. Given that a large number of these stars pulsate we can use asteroseismology to study their structure and explore how the convective surface layers change with increasing temperature. In this talk I will show how Kepler changed our view of A and F type stars and what we can still learn from studying these stars and their pulsation mechanisms.