

Search for P-mode Pulsations in Late Type Chemically Peculiar Stars

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At ARIES Nainital, we have initiated a survey programme to search for and study the p-type pulsational variability in chemically peculiar stars. Under this project, we discovered the δ -Scuti type pulsations in late type stars HD13038, HD13079, HD98851, HD102480, HD118660 and HD113878. The rapid oscillations similar to Sun are discovered in HD12098. This presentation gives an overview and the future prospective of the ongoing survey in the light of the up-coming observational facilities at Devsthal.