

Wrocław HELAS Webpage

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Figure 1: One frame of the Wrocław HELAS webpage

We announce the opening of the Wrocław HELAS Webpage, which is related to the European Union project HELAS (European Helio- and Asteroseismology Network). This project was founded under 6th Framework Programme of EU as Coordination Action for the period from April 1, 2006 till March 31, 2010, and it involves ten European organizations. For a description of the project, see <http://www.helas-eu.org>.

On the Wrocław HELAS Webpage, we make publically available all results delivered to the HELAS Project by the Wrocław/Warsaw HELAS Team. The website is constantly updated and at present it contains:

- Observational data (mostly pulsating stars): photometry and spectroscopy
- Atmospheric parameters needed to calculate light and radial velocity variations due to linear nonradial pulsation: i.e., 1) flux derivatives over effective temperature and gravity in various photometric systems for Kurucz atmospheric models and Vienna NeMo models, 2) corresponding disc averaging factors b_ℓ , u_ℓ , v_ℓ in various photometric systems for ℓ up to 6 and their derivatives (computations were performed considering all available values of the metallicity parameter $[m/H]$ and microturbulence velocity ξ_t)
- Evolutionary tracks for a broad range of masses, considering various chemical compositions (X, Z), chemical mixtures, and adopting the OPAL/OP opacity tables (computed using Paczyński's code)
- Nonadiabatic pulsation models for main sequence pulsators for a broad range of masses, considering various chemical compositions (X, Z), chemical mixtures, and adopting the OPAL/OP opacity tables (computed using Dziembowski's code)
- Public outreach: seminar/conference presentations, lectures notes, popular lectures, etc.

Webpage address: <http://helas.astro.uni.wroc.pl>

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Acknowledgments. The Wrocław HELAS Webpage is partly supported by the Polish MNiSW grant SPUB Nr 357/6.PR UE/2007/7.