

Preface

We are happy to present the proceedings of the Wrocław HELAS Workshop „Interpretation of asteroseismic data”, which was the third asteroseismic workshop held under the auspices of the European Helio- and Asteroseismology Network (HELAS; <http://www.helas-eu.org/>). This year the conference was organized by the Astronomical Institute of the Wrocław University and took place in Wrocław, Poland, June 23-27, 2008. The Wrocław HELAS Workshop gathered 123 participants from 24 countries all over the world.

The subject matter of the conference touched most topics in asteroseismology with a special emphasis on theoretical interpretation. As it is usually at asteroseismic meetings, we had a number of invited and contributed talks as well as poster sessions. We could hear excellent reviews on problems and prospects in theory of stellar evolution and pulsation, on difficulties in deriving constraints on stellar parameters and physical internal processes and, in particular, on what we can learn about stars from their variability. Moreover, problems of extracting oscillation frequencies from observations were highlighted in a very comprehensive way. Wonderful presentations were also given on the current (e.g., OGLE, COROT) and future (e.g., SONG, BRITe) observational projects and on new results for all types of multiperiodic pulsators.

I should take this opportunity to thank once again all participants for coming to Wrocław and taking part in the workshop. I would like to thank all invited speakers as well as participants who contributed to oral and poster sessions presenting their interesting results. Many thanks to the Scientific Organizing Committee for very efficient work on setting up the conference program. I am deeply grateful to all people from the Astronomical Institute of the Wrocław University for help at the workshop organization. In particular, to the Local Organizing Committee members: Andrzej Pigulski, Joanna Molenda-Żakowicz, Urszula Bąk-Stęślicka and Marek Stęślicki, for their great assistance and the valuable time they devoted to the workshop preparation.

Finally, many thanks to all authors for their contributions, to the referees and to the editors of the proceedings of the Wrocław HELAS Workshop, Michel Breger, Wojtek Dziembowski and Michael Thompson, for their hard work. All these people have made this volume possible.

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