

FIRST ANNOUNCEMENT

ESO Workshop on

Cyclical Variability in Stellar Winds – recent developments and future applications

14–17 October 1997

ESO Headquarters
Garching bei München, Germany

Variability is a fundamental property of stellar winds. In recent years it has become clear that in many cases the observed variations show a cyclical behaviour. This is a property that **hot- and cool-star winds** seem to have in common, although the physical mechanism driving the wind is different.

Topics to be covered include:

- Wind acceleration mechanisms
- Observations of cyclical wind variability (hot and cool stars)
- Latest solar wind results
- Variability in pre-main-sequence winds
- Processes affecting the emergence of the wind
- Modelling time-dependent behaviour stellar winds
- MUSICOS 1996 results
- Future developments

Scientific Organising Committee: T. Böhm (Germany), A. Cameron (UK), C. Catala (France), L. Hartmann (USA), H. Heinrichs (The Netherlands), L. Kaper (Germany), H. Lamers (The Netherlands), K. MacGregor (Chair, USA), S. Owocki (USA), J. Puls (Germany), O. Stahl (Germany) **Local Organising Committee:** A. Fullerton, L. Kaper (Chair), C. Stoffer.

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1202. P. Ferruit, L. Binette, R.S. Sutherland and E. Pécontal: Modelling Extragalactic Bowshocks. I. The Model. *AA*.
1203. G. Mathys and S. Hubrig: Spectropolarimetry of Magnetic Stars. VI. Longitudinal Field, Crossover and Quadratic Field: New Measurements. *AA*.
1204. M. Victoria Alonso and D. Minniti: Infrared Photometry of 487 Sources in the Inner Regions of NGC 5128 (Cen A). *ApJ Suppl.*
1205. I.J. Danziger and R. Gilmozzi: The Final Optical Identification Content of the Einstein Deep X-Ray Field in Pavo. *AA*.
1206. G. De Marchi and F. Paresce: The IMF of Low Mass Stars in Globular Clusters. *ApJ Letters*.
1207. G. Mathys and T. Lanz: The Variations of the Bp Star HD 137509. *AA*.
1208. P.-A. Duc, I.-F. Mirabel and J. Maza: Southern Ultraluminous Infrared Galaxies: an Optical and Infrared Database. *AA*.
1209. A.A. Zijlstra, A. Acker and J.R. Walsh: Radial Velocities of Planetary Nebulae Towards the Galactic Bulge. *AA*.
1210. T.R. Bedding, A.A. Zijlstra, O. von der Lühe, J.G. Robertson, R.G. Marson, J.R. Barton and B.S. Carter: The Angular Diameter of R Doradus: a Nearby Mira-like Star. *M.N.R.A.S.*
1211. S. Randich, N. Aharpour, R. Pallavicini, C.F. Prosser and J.R. Stauffer: Lithium Abundances in the Young Open Cluster IC 2602. *AA*.
1212. D. Baade and H. Kjeldsen: A Spectroscopic Search for High Azimuthal-Order Pulsation in Broad-Lined Late F- and Early G-Stars. *AA*.

PERSONNEL MOVEMENTS

International Staff (1 January – 31 March 1997)

ARRIVALS

EUROPE

WICENEC, Andreas (D), Archive Information Designer & Engineer
WOLFF, Norbert (D), Control Engineer
SILVA, David (USA), Head of User Support Group
BARZIV, Orly (GR), Student
ROSATI, Piero (I), Fellow
DUDZIAK, Gregory (F), Coopérant
PIEPER, Holger (D), UpA Optical Detector Team

CHILE

CANNON, Russell (GB/AUS), Senior Visitor

DEPARTURES

EUROPE

VAN DEN BRENK, John, Detector Engineer
VON DER LÜHE, Oskar (D), Experimental Physicist/
Astronomer
SACRÉ, Philippe (F), Mechanical Engineer
DUDZIAK, Gregory (F), Student
VAN LOON, Jacobus (NL), Student
PIEPER, Holger (D), Student
CÔTÉ, Stéphanie (CDN), Fellow

New ESO Preprints

(November 1996 – February 1997)

Scientific Preprints

1198. J. Manfroid and G. Mathys: Variations of the Ap Star HD 208217. *AA*.
1199. L. Kaper, J.Th. van Loon, T. Augusteijn, P. Goudfrooij, F. Patat, L.B.F.M. Waters, A.A. Zijlstra: Discovery of a Bow Shock Around Vela X-1. *ApJ Letters*.
1200. R. Gredel: Interstellar CH⁺ in Southern OB Associations. *AA*.
1201. J. Rönnback and P.A. Shaver: A Distant Elliptical Galaxy Seen Through a Foreground Spiral. *AA*.

Translation of Speech by Foreign Minister Mr. José Miguel Insulza

Your Excellency, Don Eduardo Frei Ruiz-Tagle, Your Majesties King Karl XVI Gustaf and Queen Silvia of Sweden, Mr. President of the ESO Council, Mr. Director General of ESO, Senators, civil, military and church officials, Members of the Swedish delegation, Members of the ESO Council, ladies and gentlemen,

It is a great honour for me to represent the Chilean Government in this ceremony and to share with you my feeling of excitement and hope as we take part in this foundation ceremony of ESO's at Cerro

Paranal. This feeling is, first of all, based upon the importance of the project that we inaugurate today. The VLT/VLTI telescope already described by the President of the ESO Council and by the Director General of ESO, is not only an expression of the most modern technology ever used in astronomy. It is also an opportunity to deepen our knowledge of the Universe and thus be able to answer the questions that have occupied mankind since its origin. In this sense, over and above the significant cost entailed by the project, it will be a