

ANNOUNCEMENTS

VACANCY NOTICE

Staff Astronomers on La Silla

Two staff astronomer positions at the La Silla Observatory are available starting in 1997 to integrate the teams responsible for the operation of the New Technology Telescope (NTT) and the medium-size telescopes (MPI 2.2-m, ESO 1.5-m, Danish 1.5-m, and Dutch 0.9-m). The telescope teams are multidisciplinary teams of 10–15 persons including astronomers, technicians, engineers, and night assistants. They are fully responsible for operations and are supported in the specialised technical areas by technicians and engineers from the so-called support teams (Optics, Detectors, IR, Mechanics, Electronics, and Software). There are 4 telescope teams in total. The scientific staff of each team consists of 2 staff astronomers and 2–4 post-doctoral fellows. Staff astronomers and fellows share the responsibilities of instrument support, acting as instrument scientists in charge of direct support of visiting astronomers at the telescope, documentation, upgrades, calibration plans and on-line data reduction facilities.

La Silla staff astronomers are based at the ESO centre in Santiago, and are required to spend at least 105 nights per year at La Silla. In addition to providing full services to support scientific research (library, computers, seminars, etc.), the ESO centre in Vitacura maintains a graduate student programme which provides funds for students of European universities to spend up to 2 years in Chile working towards their Ph.D. theses, in collaboration with astronomers from the ESO staff.

One of the staff astronomers acts, on a rotating basis, as Team Leader and as such assumes the task of providing supervision and motivation to all members of the team. Team Leaders are responsible for administering the Team's budget and monitoring the performance of the team members. Team Leaders report to the Observatory Director and are members of the Observatory Management Team. They receive managerial and administrative support from the Observatory Management for budgeting and personnel issues.

A Ph.D. in astronomy or equivalent degree and several years of post-doctoral experience in the areas of high dispersion optical spectroscopy, infrared imaging and/or spectroscopy, faint object photometry/spectroscopy, or adaptive optics is required. Staff astronomers must be able to provide sound scientific judgements on the many technical issues facing a modern observatory, and ESO therefore requires, and strongly supports and encourages staff astronomers to carry out dynamic and independent research programmes, using La Silla telescopes as well as facilities at other observatories. Active publication in leading journals is considered essential. Staff astronomers use up to 50 % of their time on research and are supported with excellent facilities and generous travel grants to attend conferences, work with collaborators and visit other observatories. Proven capability of working (or leading) in multidisciplinary teams will be an advantage.

Staff Astronomer contracts are for an initial period of 3 years, which may be extended up to another three years, with the possibility of an indefinite contract offer after the fifth contractual year.

Applications and four letters of recommendation should be submitted to ESO Personnel Services, Garching, by November 28, 1997.

ESO Astrophysics Symposia Proceedings

The proceedings of the following ESO Astrophysics Symposia are available from Springer-Verlag:

Newly published:

- "Science with the VLT Interferometer" (Ed. F. Paresce)

Also available:

- "The Early Universe with the VLT" (Ed. J. Bergeron)
- "Science with Large Millimetre Arrays" (Ed. P.A. Shaver)
- "The Role of Dust in the Formation of Stars" (Ed. H.U. Käufl and R. Siebenmorgen)
- "Spiral Galaxies in the Near-IR" (Ed. D. Minniti and H.-W. Rix)
- "Quasar Absorption Lines" (G. Meylan)
- "The Bottom of the Main Sequence – and Beyond" (Ed. C. Tinney)
- "Science with the VLT" (Eds. J.R. Walsh and I.J. Danziger)
- "The Light Element Abundances" (Ed. P. Crane)

ESO has negotiated an attractive price for these proceedings. They may be ordered directly from book stores or through Springer:

FAX: (49 30) 8201 301
e-mail: orders@springer.de
Post: Springer-Verlag, P.O. Box 311340, D-10543 Berlin

To appear end of 1997/beginning of 1998:

- "Quasar Hosts – Low to High Redshift" (Eds. D. Clements and I. Perez-Fournon)
- "Origin, Evolution, and Astronomical Uses of Galaxy Scaling Relations" (Ed. L. Da Costa)

PERSONNEL MOVEMENTS

International Staff (1 July – 31 October)

ARRIVALS

EUROPE

ANGELONI, Elisabetta (I), Software Engineer (Archive Syst.)
CARBOGNANI, Franco (I), Software Engineer
SCHÖLLER, Markus (D), Paid Associate
PULONE, Luigi (I), UpA DGDF
BOAROTTO, Carlo (I), Software Engineer (Observ. Handling)
DUPUY, Christophe (F), Opto-Mech. Technician
MARIOTTI, Jean-Marie (F), Head of VLT Group
PASQUALI, Anna (I), Astronomer ST-ECF
FERRARI, Marc (F), Fellow
SLIJKHUIS, Remco (NL), Student
BRESOLIN, Fabio (I), Fellow
GLINDEMANN, Andreas (D), Paid Associate VLT
IBATA, Rodrigo (GB), Fellow
WOUTD, Patrick (NL), Fellow
CONTRADO, Gertrud (D), Student
DELPLANCKE, Françoise (B), UpA (TMS) EC
PITTICHOVÁ, Jana (SK), Student

CHILE

BÖHNHARDT, Hermann (D), Astronomer
GONZALEZ, Jena-François (F), Fellow NTT Team
LEISY, Pierre (F), Fellow
JOGUET, Benoit (F), Student
HAINAUT, Olivier (F), Fellow

DEPARTURES

EUROPE

BALLEMANS, Irma (NL), Adm. Asst. (Archives)
CÔTÉ, Stéphanie (CDN), Fellow
ZELLER, Kurt (CH), Head of Personnel

MENDEZ-BUSSARD (RCH), Fellow
MÜLLER, Karen (ZA), Student
ANDERSEN, Torben (DK), Senior Systems Analyst
EISENHUTH, Dorothea (D), Secretary to the DG
EMSELLEM, Eric (F), Fellow
YAN, Lin (RC), Fellow

CHILE

MARTIN, Pierre (CDN), Fellow
ATTERSJÖ, Hans (S), Electronics Engineer
METANOMSKI, Agnès (F), Student
PRIETO, Eric (F), Optical Engineer
STORM, Jesper (DK), Astronomer
PANTIN, Eric (F), Fellow

Local Staff (1 July – 31 October)

ARRIVALS

CAMUZET, Blanca (RCH), Data Handling Operator
AGUAYO, Ana Maria (RCH), Application Programmer
IBSEN, Jorge (RCH), Application Programmer
RIVEROS, Ivonne (RCH), Purchasing Assistant

DEPARTURES

LEVIN, Cristian (RCH), Informatics Engineer
GONZALEZ, Germán (RCH), Administrative Assistant Paranal
Logistics
MELLA, Sergio (RCH), Electrician
ROJAS, Waldo (RCH), Driver
PEREZ, José (RCH), Photograph Unit Technician

Uzbek Astronomy Looking Ahead Towards the Future

A co-operation agreement between ESO, Nice University, Moscow Sternberg Institute and Ulugh Beg Astronomical Institute of the Uzbek Academy of Science will be funded by INTAS (International association for the promotion of co-operation with scientists from the New Independent States of the former Soviet Union (NIS)). The accepted proposal aims at the 'Characterisation of Maidanak Observatory among the Major International Ground Based Astronomical Facilities of the Future' and covers the period 1998–1999 during which a number of site monitoring campaigns are planned and local instrumentation will be developed. Launched in 1983 in answer to the financial difficulties faced by many NIS scientists and in order to allow them to pursue their work, INTAS initiative is jointly financed by the EU and its Member States, Norway, Switzerland and Israel. Together with the 332 newly selected projects of the INTAS Call 1996 for 19 million ECU, more than 1,500 research projects covering natural and exact sciences as well as social sciences have already received INTAS support (source European Commission RTD Info Issue 16 and <http://www.cordis.lu/intas/pr170697.hUm>).

Contacts between ESO and Uzbek astronomy were initiated in March 1996 in the frame of the ESPAS (ESO Search for Potential Astronomical Sites) Working Group. A probe survey started in August 1996 confirmed the excellent seeing quality of Maidanak Observatory (38°41' North, 65°55' East, 2600 m altitude) and prompted the joint funding request. Thanks to the INTAS grant, five young Uzbek scientists will receive financial support during the next two years.

M. SARAZIN

List of Scientific Preprints

(March–September 1997)

1213. L. Pasquini and P. Molaro: Lithium Observations in 47 Tuc. *A&A*.
1214. F. Comeron, J. Torra, F. Figueras: Understanding some Moving Groups in Terms of a Global Spiral Shock. *A&A*.
1215. C. Loup et al.: Obscured AGB Stars in the Magellanic Clouds. I. IRAS Candidates. *A&A*.
1216. A. Pizzella et al.: The Distribution of Ionized Gas in Early-Type Galaxies. III. M/L Determinations Based on Triaxial Models. *A&A*.
1217. M. Scodreggio, R. Giovanelli, M.P. Haynes: An Economical Technique for the Estimate of Galaxy Distances: The Photometric Fundamental Plane. *AJ*.
1218. T. Böhm, G.A. Hirth: Forbidden Lines in Herbig Ae/Be Stars. The [O I] (1F) 6300.31 Å and 6363.79 Å Lines. II. Longslit Observations of Selected Objects. *A&A*.
1219. J.-R. Roy, J.R. Walsh: The Abundance Gradient of NGC 1365: Evidence for a Recently Formed Bar in an Archetype Barred Spiral Galaxy. *M.N.R.A.S.*
J.R. Walsh, J.-R. Roy: The O/H Distribution in the Transition Magellanic Galaxy NGC 1313. *M.N.R.A.S.*
1220. P. Ballester, M.R. Rosa: Modeling Echelle Spectrographs. *A&A*.
1221. C. Carignan, S. Côté, K.C. Freeman, P.J. Quinn: NGC 5084: A Massive Disk Galaxy Accreting Its Satellites? *AJ*.
1222. L. Pasquini, S. Randich, R. Pallavicini: Lithium in M67: Evidence for Spread in a Solar Age Cluster. *A&A*.
1223. W.P. Gieren, P. Fouqué, M. Gómez: Very Accurate Distances and Radii of Open Cluster Cepheids from a Near-Infrared Surface Brightness Technique. *ApJ*.
1224. D. Minniti, A.A. Zijlstra: Stellar Populations of the Dwarf Irregular Galaxy WLM.
1225. M. Turatto et al.: The Spectroscopic Diversity of Type II Supernovae.
1226. E. Cappellaro, M. Turatto: The Rate of Supernovae.
1227. J.T. van Loon et al.: Obscured Asymptotic Giant Branch Stars in the Magellanic Clouds. III. New IRAS Counterparts. *A&A*.
1228. Bo Reipurth et al.: Thackeray's Globules in IC 2944. *A&A*.
1229. H.-G. Reimann et al.: Mid Infrared Spectral Observations of UX Orionis. *A&A*.
1230. Bo Reipurth et al.: Hubble Space Telescope Images of the HH 111 Jet.
1231. S. Benetti et al.: Supernova 1994AJ: A Probe for Pre-Supernova Evolution and Mass Loss from the Progenitor. *M.N.R.A.S.*
1232. P. Martin, D. Friedl: Star Formation in Bar Environments. I. Morphology, Star Formation Rates and General Properties. *A&A*.
1233. P. François, J. Danziger, R. Buonanno, M.N. Perrin: Metallicity of the Young Halo Globular Cluster Ruprecht 106. *A&A*.
1234. L. Kaper et al.: Coordinated Ultraviolet and H α Spectroscopy of Bright O-Type Stars. *A&A*.
1235. N. Ageorges, A. Eckart, J.-L. Monin, F. Ménard: New Multiple Young Stellar Objects Discovered by Near-Infrared Speckle Imaging. *A&A*.
1236. F. Comeron: Dynamical Evolution of Wind-Driven HII Regions in Strong Density Gradients. *A&A*.
1237. P.-A. Duc, E. Brinks, J.E. Wink, I.F. Mirabel: Gas Segregation in the Interacting System Arp 105. *A&A*.
1238. Bo Reipurth, S. Heathcote: 50 Years of Herbig-Haro Research. From Discovery to HST. To appear in IAU Symposium No. 182 "Herbig-Haro Flows and the Birth of Low Mass Stars", Eds. Bo Reipurth and Claude Bertout, Kluwer, 1997, p.3.
1239. M. Mayor et al.: Radial Velocities of Southern Stars Obtained with the Photoelectric Scanner CORAVEL. VIII. Observations of 471 Giant Stars in ω Centauri.
1240. D. Merritt, G. Meylan, M. Mayor: The Stellar Dynamics of ω Centauri. *AJ*.
1241. L. Binette et al.: Photoionization of Very High Excitation Gas in the Circinus Galaxy and Other Active Galactic Nuclei. *A&A*.
1242. J.R. Walsh, G. Dudziak, D. Minniti, A.A. Zijlstra: Chemical Abundances of Planetary Nebulae in the Sagittarius Dwarf Elliptical Galaxy.
1243. E. Cappellaro et al.: SN Ia Light Curves and Radioactive Decay. *A&A*.
1244. M.-H. Ulrich, L. Maraschi, C.M. Urry: Variability of Active Galactic Nuclei. *Ann. Rev. of Astron. and Astroph.*, Vol. 35.
1245. K. Gesicki, A.A. Zijlstra, A. Acker, R. Szczerba: Velocity Fields of Planetary Nebulae. *A&A*.
1246. J.T. van Loon et al.: Obscured Asymptotic Giant Branch Stars in the Magellanic Clouds IV. Carbon Stars and OH/IR Stars. *A&A*.
1247. P. Molaro, P. Bonifacio, L. Pasquini: Lithium in Very Metal Poor Thick Disk Stars. *M.N.R.A.S.*
1248. M. Della Valle, R. Gilmozzi, A. Bianchini, H. Esenoglu: Study of Nova Shells II: FH Ser 1970 and QU Vul 1984, Nebular Expansion, Parallax and Luminosity. *AA*.
1249. A.A. Zijlstra, A. Wallander, L. Kaper, J.A. Rodriguez: Remote Observing at the ESO NTT & CAT Telescopes. *PASP*.