ANNOUNCEMENTS

ESO Workshop on

Galaxy Scaling Relations: Origins, Evolution and Applications

ESO-Garching, 18–20 November 1996

Scaling relations between various galaxy parameters, such as the Tully-Fisher relation, the Faber-Jackson relation, and more recently the Dn-sigma relation and the Fundamental plane of early-type galaxies have been extensively studied in the local Universe. They are interesting both for investigating galaxy properties themselves and for their application to estimate distances of galaxies. With the arrival of the new generation of 8-m-class telescopes and the availability of HST imaging, it will be possible to measure scaling parameters of galaxies at high redshifts. The purpose of this workshop is to discuss our current knowledge of scaling relations in the local Universe and current and future attempts to measure and understand scaling relations at high redshift.

The meeting will cover the following main topics:

- Phenomenology of spiral, elliptical, and cD galaxy scaling relations, and their dependence on the environment
- Physical origin of the scaling relations
- The scaling relations at moderate and high redshifts
- Scaling relations as distance indicators
- Comparison with other distance indicators
- Peculiar Motions and implications to large-scale structure theories

Scientific Organising Committee: R. Bender (University of Munich), L. da Costa (ESO, Chair), M. Franx (Groningen), W. Freudling (ST-ECF), M. Haynes (Cornell), E. Huizinga (ESO), J. Mould (Mt. Stromlo), A. Renzini (ESO), S. White (MPA).

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Three Vacancies on La Silla for: Astronomer/Team Leader (CSO401), Infrared Astronomer (CSO402), Astronomer (CSO502)

Experience and knowledge: Several years of post-doctoral experience in the areas of high-dispersion optical spectroscopy, infrared imaging and/or spectroscopy, faint-object imaging and spectroscopy, or adaptive optics and proven capability of working in and/or leading multi-disciplinary teams. Good working knowledge of English and Spanish is essential.

Assignment: The La Silla Observatory operates on the basis of multi-disciplinary teams. There are four telescope teams to run the SEST sub-mm telescope, the 3.6-m and its Coudé Auxiliary Telescope (CAT), the New Technology Telescope (NTT) and the 2.2-m, ESO 1.5-m, Danish 1.5-m, Dutch 0.9-m, ESO 0.5-m and Schmidt telescopes. Each team consists 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). Each telescope team has 2 staff astronomers, as well as 2–3 post-doctoral fellows and 2–3 students. Staff astronomers and fellows share the responsibilities of instrument support acting as instrument scientists in charge of direct support to visiting astronomers at the telescope, documentation, upgrades, calibration plans and on-line data reduction facilities.

One of the staff astronomers on each team acts, on a rotating basis, as Team Leader and as such assumes the task of providing supervision and motivation to all the members of the team. Team Leaders are responsible for administrating 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.

The available positions will fill vacancies in the 3.6m+CAT team, to support CASPEC, CES, TIMMI and/or ADONIS, in the NTT team to support SOFI and in the 2.2+1.5 team to support IRAC and/or EFOSC. Information about these instruments is available through the La Silla pages on the WWW.

Staff astronomers must be able to provide scientifically sound judgements on the many technical issues facing a modern observatory. ESO therefore requires, 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 adequate travel grants to attend conferences, work with collaborators and visit other observatories.

Duty Station: La Silla staff astronomers are based at the ESO research and administrative centre in Santiago and are required to spend at least 105 nights per year at La Silla.

Contract: These positions are for an initial period of three years renewable for another three with the possibility for tenure after the fifth year.

Starting date: as soon as possible.

Remuneration: The remuneration for this post will be commensurate with the background, experience and family status. The basic monthly salary (tax-free) will not be less than DM 6,403. Furthermore, an expatriation allowance as well as some other allowances may be added.

Applications and three letters of recommendation should be submitted by September 15, 1996 to the:

European Southern Observatory, Personnel **(Ref.: Post No. & Title)**
Karl-Schwarzschild-Str. 2, 85748 Garching bei München, Germany