

Equilibrium of Fe I in Metal-Poor Stars. *Astrophysical Journal*.

707. D. Hutsemékers and J. Surdej: Formation of P Cygni Line Profiles in Relativistically Expanding Atmospheres. *Astrophysical Journal*.
708. T. Baribaud and D. Alloin: On the Use of [O III] Narrow Line Emission for Scaling Spectrophotometric Data in Active Galactic Nuclei. *Astronomy and Astrophysics*.
709. A. M. Lagrange-Henri et al.: Search for Beta Pictoris-Like Stars. *Astronomy and Astrophysics, Suppl.*
710. L. B. Lucy, I. J. Danziger and C. Gouiffes: Excitation by Line Coincidence in the Spectrum of SN 1987A. *Astronomy and Astrophysics*.
711. J. S. Chen, X.-W. Liu and M.-Z. Wei: CCD Photometry of Unclassified Cataclysmic Variable SS UMi (PG 1551+719). *Astronomy and Astrophysics*.
712. D. Baade, W. Schmutz and M. van Kerkwijk: Short-Term Activity in the  $\gamma^2$  Velorum System: The O-Type Supergiant is a Nonradially Pulsating Star. *Astronomy and Astrophysics*.
713. A. F. M. Moorwood and E. Oliva: H<sub>2</sub> Emission in Galaxies: Observational Constraints on Ultraviolet Excitation. *Astronomy and Astrophysics*.  
A. F. M. Moorwood and L. Origlia: IR Images of the Circinus Galaxy and NGC 4945. To appear in Proceedings of the NOAO/KPNO Conference on Astrophysics with Infrared Arrays.
714. E. Oliva, A. F. M. Moorwood and I. J. Danziger: Infrared Spectroscopy of Supernova Remnants. II. A Detailed Study of RCW 103. *Astronomy and Astrophysics*.
715. Proceedings of the ESO-CERN Topical Workshop on "LEP and the Universe". April 5 and 6, 1990. CERN, Geneva, Switzerland. Organized by J. Ellis, P. Salati and P. Shaver.
716. D. Hutsemékers and E. van Drom: The Supergiant Bep Star CD -42°11721 and Its Surrounding Nebula. *Astronomy and Astrophysics*.
717. W. W. Zeilinger et al.: NGC 5084: A Massive Disc Galaxy with a Tilted Ring. *M. N. R. A. S.*
718. G. Zhao and P. Magain: The Chemical Composition of the Extreme Halo Stars. III. Equivalent Widths of 20 Dwarfs. *Astronomy and Astrophysics Suppl.*
719. A. F. M. Moorwood: Infrared Capabilities of Very Large Groundbased Telescopes. Invited paper presented at the COSPAR XXVIII Symposium "The Infrared and Submillimeter Universe at High Redshifts". To be published in *Advances in Space Research* (Pergamon, Oxford).
720. P. Crane et al.: The Interstellar <sup>12</sup>C/<sup>13</sup>C Ratio Toward  $\mu$  Normae. *Astrophysical Journal*.
721. M. Mariani and S. A. Bonometto: Thermal Evolution of Phases During the Cosmological Quark-Hadron Transition. *Astrophysical Journal*.
722. A. Sandage and G. A. Tammann: Steps Toward the Hubble Constant IX: The

## ESO FELLOWSHIPS 1991-1992

The European Southern Observatory (ESO) intends to award up to six post-doctoral fellowships tenable in the ESO Headquarters, located in Garching near Munich.

The main areas of activity are:

- to do research in observational and theoretical astrophysics;
- to carry out a programme of development of instrumentation for the La Silla telescopes;
- to develop future telescopes involving new technology;
- to provide data reduction facilities for users of the ESO instruments;
- to provide photographic facilities for atlases of the southern sky;
- to foster cooperation in astronomy and astrophysics in Europe.

Fellows normally participate in one or more of the above. In addition there is the possibility of participating in the activities of the European Coordinating Facility of the Space Telescope (ST-ECF) which has been established at ESO.

Fellows will normally be required to spend up to 25% of their time in supporting activities such as the introduction of users to data reduction facilities, remote control operations and testing new instrumentation.

Fellowships are to be taken up between January and October 1991.

Most of the scientists in the Centre come from the member States of ESO, but several are from other countries. The Member States of ESO are: Belgium, Denmark, the Federal Republic of Germany, France, Italy, the Netherlands, Sweden, and Switzerland. In addition to regular staff members, the Centre comprises visiting scientists, post-doctoral fellows, and graduate students.

ESO facilities include the La Silla Observatory in Chile with its eight telescopes in the range 0.9 to 3.6 m, as well as a 1-m Schmidt, the 15-m SEST and smaller instruments. In Garching, extensive measuring, image processing and computing facilities are available.

Applicants normally should have a doctorate awarded in recent years. The fellowships are granted for one year, with normally a renewal for a second year and occasionally a third year. Applications should be submitted to ESO not later than October 15, 1990. Applicants will be notified in December 1990. The ESO Fellowship Application form should be used. Three letters of recommendation from persons familiar with the scientific work of the applicant should be sent to ESO directly. These letters should reach ESO not later than October 15, 1990.

Enquiries, requests for application forms and applications should be addressed to:

European Southern Observatory  
Fellowship Programme  
Karl-Schwarzschild-Str. 2  
D-8046 GARCHING b. München  
Federal Republic of Germany

Cosmic Value of H<sub>0</sub> Freed from All Local Velocity Anomalies. *Astrophysical Journal*.

723. P. A. Shaver: Active Galactic Nuclei in Cosmology (A review of literature published from July 1987 to June 1990, for

1991 IAU Transactions XXIA, Commission 47).

724. P. Molaro and P. Bonifacio: Chemical Abundances of Two New Extreme Metal Poor Giants. *Astronomy and Astrophysics, Letters*.

## Visiting Astronomers

(October 1, 1990-April 1, 1991)

Observing time has now been allocated for Period 46 (October 1, 1990-April 1, 1991). As usual, the demand for telescope time was much greater than the time actually available.

The following list gives the names of the visiting astronomers, by telescope and in chronological order. The complete list, with dates, equipment and programme titles, is available from ESO-Garching.

### 3.6-m Telescope

Oct. 1990: Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Gratton/

Snedden, Moehler/de Boer, Mazure et al. - 1-014-43K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Turatto et al. - 4-004-45K, de Lapparent et al. - 1-003-43K, Shaver, Macchetto/Turnshek, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Turatto et al. - 4-004-45K.

Nov. 1990: Mariotti/Cuby/Lacombe/Léna/Merkle/Perrier/Rigaut, Gallais/Alloin/Rouan/Lançon/Léna/Rigaut/Merkle, Combes M./Léna/Rigaut/Merkle/Cuby/Tomasko/Saint-Pé, Ögelman/Gouiffes/Melnick/Augustejn/Hasinger/Pietsch/Pedersen, Ögelman/Gouiffes, Danziger/Bouchet/Lucy/Fransson/

Mazzali/Della Valle/Gouiffes, Guzzo/Collins/Nicho/Lumsden, Warren, Chambers, Marano/Mignoli/Zamorani/Zitelli, Danziger et al. – 6-003-45K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Simon/Husfeld/Kudritzki/Voels, Kudritzki/Voels/Husfeld/Gabler/Pauldrach/Puls, de Boer et al. (Spite F.) – 3-003-43K.

*Dec. 1990:* de Boer et al. (Spite F.) – 3-003-43K, de Boer et al. (Molaro) – 3-003-43K, Reimers et al. – 2-009-45K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Soucaïl/Mathez/Mellier/Le Borgne, Giraud/Infante, Turatto et al. – 4-004-45K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Meylan/Dubath/Mayor, Dubath/Melnick/Mayor, de Boer et al. (Wolf) – 3-003-43K.

*Jan. 1991:* Dougados/Rouan/Léna/Merkle/Rigaut, Malbet/Bertout/Léna/Rigaut/Merkle/Cuby, Léna/Dougados/Merkle/Monin/Perrier/Rigaut/Ridgway, Ögelman/Gouiffes/Melnick/Augusteijn/Hasinger/Pietsch/Pedersen, Ögelman/Gouiffes, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, de Boer et al. (Azzopardi) – 3-003-43K, Beuermann/Trümper/Thomas/Reinsch/Simon, Wampler et al. – 2-010-45K, Schmutz/Nussbaumer/Vogel, Hensberge et al. – 5-005-45K, Foing/Collier-Cameron/Vilhu/Gustafsson/Ehrenfreund.

*Feb. 1991:* Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Turatto et al. – 4-004-45K, Reimers/Koester/Chanmugam, Danziger et al. – 6-003-45K, Turatto et al. – 4-004-45K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Turatto et al. – 4-004-45K.

*March 1991:* Zamorani/Vettolani/Zucca/Scaramella/Chincarini/Burg, Bertola et al. – 1-008-43K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Danziger et al. – 6-003-45K, Böhringer/Seitter/Schuecker/Horstmann/Cruddace/Kowalski/Wallin/Pierre/Voges/MacGillivray/Collins, Ögelman/Gouiffes/Melnick/Augusteijn/Hasinger/Pietsch/Pedersen, Ögelman/Gouiffes, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Perrier/Mariotti/Mayor/Duquennoy.

### 3.5-m NTT

*Nov. 1990:* Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Arp/Danziger/Giraud, Fusi Pecci/Ferraro/Brocato/Cacciari/Clementini/Buonanno/Zinn, Surdej et al. – 2-003-43K, Ellis/Fosbury/Hook/Coleless/Broadhurst, Tarengi/D'Odorico/Wampler/Peterson/Yoshii/Silk.

*Dec. 1990:* Butcher/van Rossum, Brocato/Castellani/Ferraro, Giraud, de Boer et al. (Dennefeld) – 3-003-43K, Paresce/Clampin/Moneti/Golimowski/Nota, Lagrange-Henri/Maillard/Vidal-Madjar/Ferlet/Beust.

*Jan. 1991:* Lagrange-Henri/Maillard/Vidal-Madjar/Ferlet/Beust, Boisson/Joly/Moorwood/Oliva/Ward, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Gilmozzi/Blades/Madau, Bignami et al. – 6-002-45K, Fort et al. – 1-015-45K, Reipurth.

*Feb. 1991:* Poetzel/Ray/Mundt, Della Valle/Capaccioli/Piotto/Wagner, Macchetto/di Se-

rego Alighieri/Trinchieri/Sparks, Falomo/Tanzi/Tarengi, Bender et al. – 1-004-45K, Origlia/Brocato/Oliva.

*March 1991:* Hainaut/Jarvis, Krautter/Starrfield, Tarengi/D'Odorico/Wampler/Peterson/Yoshii/Silk, Bergeron et al. – 1-012-43K, Surdej et al. – 2-003-43K, Miley et al. – 2-001-43K, Danziger/Bouchet/Lucy/Fransson/Mazzali/Della Valle/Gouiffes, Danziger/Moorwood/Oliva, Moorwood/Oliva.

### 2.2-m Telescope

*Oct. 1990:* Goudfrooij/de Jong T./Joergensen H.E./Norgaard-Nielsen/Hansen, Barbieri et al. – 2-007-43K, Zeilinger/Buson/Galletta/Saglia, Turatto et al. – 4-004-45K, Zeilinger/Buson/Galletta/Saglia, Barbieri et al. – 2-007-43K, Miley et al. – 2-001-43K, Test – Moorwood.

*Nov. 1990:* Test-Moorwood, van der Kruit/de Jong R.S., Mirabel/Lagage/Cesarsky, de Boer et al. (Koornneef) – 3-003-43K, Dettmar/Becker, Surdej et al. – 2-003-43K, Bergvall/Rönnback/Johansson, Seggewiss/Feinstein/Vazquez, Christensen/Sommer-Larsen/Hawkins/Flynn, Westerlund/Azzopardi/Rebeirot/Breysacher, Turatto et al. – 4-004-45K.

*Dec. 1990:* Chiosi/Ortolani/Bertelli/Bressan/Vallenari, Bhatia/Chiosi/Piotto/Prugniel/MacGillivray, Chiosi/Ortolani/Bertelli/Bressan/Vallenari, de Boer et al. (Seggewiss) – 3-003-43K, Dennefeld/Boulanger/Fruscione/Moshir, Polcaro/Giovannelli/Manchanda/Norci/Pollock/Rossi/Viotti, Westerlund/Azzopardi/Rebeirot/Breysacher, de Boer et al. (Wolf) – 3-003-43K, MPI time.

*Jan. 1991:* MPI Time, Test-Moorwood.

*Feb. 1991:* Danziger/Liu/Dalgarno, Bender et al. – 1-004-43K, Sabbadin/Cappellaro/Turatto/Salvadori, Melnick/Böhringer/Giraud/Voges/Peters/Zimmermann, Piotto/Capaccioli/Ortolani, Blommaert/Habing/v.d. Veen, Groenewegen/de Jong T./Hu.

*March 1991:* Krautter/Ögelman/Starrfield/Williams, Tapia/Schwarz/Roth/Ruiz, van Haarlem/Katgert, Surdej et al. – 2-003-43K, Miley et al. – 2-001-43K, Danziger et al. – 6-003-45K, Turatto et al. – 4-004-45K, Danziger/Moorwood/Oliva, Schwarz/Moneti.

### 1.5-m Spectrographic Telescope

*Oct. 1990:* Pallavicini/Tagliaferri/Gahm/Pasquini, Tagliaferri/Cutispoto/Giommi/Pallavicini/Pasquini, Kjaergaard Rasmussen/Joergensen I., Barbieri et al. – 2-007-43K, Dettmar/Koribalski/Krenz/Barteldrees, Proust/Mazure/Capelato/Sodre, Renzini/Greggio/Bragaglia.

*Nov. 1990:* Gehren/Axer/Fuhrmann/Steenbock/Reile, Paturel et al. – 1-017-45K, Danziger et al. – 6-003-45K, Jasiewicz/Thévenin, Reimers et al. – 2-009-45K.

*Dec. 1990:* Bues/Pragal, Lub/de Ruiter, de Ruiter/Gregorini/Parma/Vettolani, Calvani/Marziani/Acosta, Courvoisier/Bouchet/Blecha, Gerbaldi et al. – 5-004-43K.

*Jan. 1991:* Gerbaldi et al. – 5-004-43K, Sauvageot/Rothenflug/Dubreuil/Ballet, Pakull/Motch/Bianchi, Walsh/Walton/Pottasch

S.R., Kohoutek, Hensberge et al. – 5-005-45K.

*Feb. 1991:* Lodén L.O./Sundman, Gahm/Lodén K., Falomo/Maraschi/Tanzi/Treves, van Genderen/van der Hucht/Schwarz, Bianchini/Della Valle/Ögelman/Orio/Bianchi.

*March 1991:* Gerbaldi et al. – 5-004-43K, Thé/de Winter/Bibo/Hu, Thé/de Winter/Hu, Danziger et al. – 6-003-45K, Durret/Petitjean, Rifatto/Buson/Zeilinger, Rafanelli/Padrielli/Gregorini/Marziani, Courvoisier/Bouchet/Blecha.

### 1.4-m CAT

*Oct. 1990:* Tagliaferri/Cutispoto/Giommi/Pallavicini/Pasquini, Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter, Tagliaferri/Cutispoto/Giommi/Pallavicini/Pasquini, Lagrange-Henri/Jaschek M./Jaschek C., Reimers/Toussaint/Hansen, Pasquini/Saar/Restaino, Gehren/Axer/Butler/Fuhrmann/Steenbock/Reile.

*Nov. 1990:* Gehren/Axer/Butler/Fuhrmann/Steenbock/Reile, Pols/Waters/Verbunt/van Paradijs/Coté/v. Kerkwijk/van den Heuvel, da Silva/de la Reza, Vladilo/Centurion/Molaro/Monai, Maceroni/van't Veer/Vilhu, Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter, Clausen, Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter.

*Dec. 1990:* Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter, Fibre link – 3.6-m telescope, Lagrange-Henri/Beust/Vidal-Madjar/Ferlet, Benvenuti/Porceddu/Krelowski, Cayrel de Strobel, Pols/Waters/Verbunt/van Paradijs/Coté/v. Kerkwijk/van den Heuvel.

*Jan. 1991:* Pols/Waters/Verbunt/van Paradijs/Coté/v. Kerkwijk/van den Heuvel, Kürster/Schmitt, Reimers/Toussaint/Hansen, Nissen/Edvardsson, Boffin/Arnould/Abia/Isern/Forestini/Canal/Rebolo.

*Feb. 1991:* North, Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter, North, Char/Jankov/Foing/Neff/Fernandez/Rodono/Crivellari/Walter, Grenon/Barbuy, Barbuy/Maeder/Medeiros, Sembach/Danks/Crane/Savage, Reimers/Toussaint/Hansen.

*March 1991:* Reimers/Toussaint/Hansen, Hu, Lanz/Mathys/Gerbaldi/Faraggiana, Lanz/Mathys/Megessier/Landstreet, Waelkens/van Winckel/Lamers/Trams, Boffin/Jorissen/Groenewegen.

### 1-m Photometric Telescope

*Oct. 1990:* Tagliaferri/Cutispoto/Giommi/Pallavicini/Pasquini, Fulchignoni/Barucci/De Angelis/Burchi/Dotto/Ferrari/Foryta/Roques, Cacciari/Clementini/Fernley, Pols/Waters/Verbunt/van Paradijs/Coté/v. Kerkwijk/van den Heuvel.

*Nov. 1990:* Pols/Waters/Verbunt/van Paradijs/Coté/v. Kerkwijk/van den Heuvel, Prugniel/Rampazzo/Combes F., Di Martino/Mottola/Gonano/Neukum, Gieren/Moffett/Barnes, Bouvier/Martin E./Malbet/Menard/Fernandez/Matthews/Terranegra/Alcala.

*Dec. 1990:* Bouvier/Martin E./Malbet/Menard/Fernandez/Matthews/Terranegra/Alcala, Liller/Alcaíno/Alvarado/Wenderoth, Vi-

dal-Madjar/Lagrange-Henri/Beust/Ferlet/  
Foing/Char, Giard/Bernard/Dennefeld/Sales,  
Le Bertre et al. – 5-006-45K, Arlot/Descamps/  
Thuillot/Colas/Vu, Le Bertre et al. – 5-  
006-45K.

*Jan. 1991:* Le Bertre et al. – 5-006-45K,  
Courvoisier/Bouchet/Blecha, Pols/Waters/  
Verbunt/van Paradijs/Coté/van Kerkwijk/van  
den Heuvel, Sterken/Longo/Busarello, Arlot/  
Descamps/Thuillot/Colas/Vu, Le Bertre et al.  
– 5-006-45K, Foing/Collier-Cameron/Vilhu/  
Gustafsson/Ehrenfreund, Le Bertre et al. – 5-  
006-45K.

*Feb. 1991:* Le Bertre et al. – 5-006-45K,  
Courvoisier/Bouchet/Blecha, Hoffmann/Geyer,  
Groenewegen/de Jong T./Hu, Arlot/Descamps/  
Thuillot/Colas/Vu, Lorenzetti/Molinari,  
Courvoisier/Bouchet/Blecha, Thé/de Winter/  
Hu.

*March 1991:* Thé/de Winter/Hu, Roberto/  
Busso/Guarnieri/Scaltriti/Silvestro/Persi,  
Manfroid/Vreux, Arlot/Descamps/Thuillot/  
Colas/Vu, Catalano F.A./Leone/Kroll, Courvoisier/  
Bouchet/Blecha.

### 50-cm ESO Photometric Telescope

*Oct. 1990:* Char/Jankov/Foing/Neff/Fernandez/  
Rodono/Crivellari/Walter, Surdej/Detal/  
Hainaut/Pospieszalska-Surdej, Catalano  
F.A./Schneider H./Leone.

*Nov. 1990:* Catalano F.A./Schneider H./  
Leone, Schober, Maceroni/van't Veer/Vilhu,  
Char/Jankov/Foing/Neff/Fernandez/Rodono/  
Crivellari/Walter, Arlot/Thuillot/Descamps/  
Vu/Colas, Char/Jankov/Foing/Neff/Fernandez/  
Rodono/Crivellari/Walter.

*Dec. 1990:* Char/Jankov/Foing/Neff/Fernandez/  
Rodono/Crivellari/Walter, Gochermann/  
Grothues, Mantegazza/Antonello/Poretti,  
Arlot/Thuillot/Descamps/Vu/Colas,  
Mantegazza/Antonello/Poretti.

*Jan. 1991:* Mantegazza/Antonello/Poretti,  
Kohoutek, Arlot/Thuillot/Descamps/Vu/Colas,  
Kohoutek, Arlot/Thuillot/Descamps/Vu/  
Colas, Kohoutek, Schmutz/Nussbaumer/  
Vogel, Arlot/Thuillot/Descamps/Vu/Colas,  
Schmutz/Nussbaumer/Vogel, Foing/Collier-  
Cameron/Vilhu/Gustafsson/Ehrenfreund.

*Feb. 1991:* Foing/Collier-Cameron/Vilhu/  
Gustafsson/Ehrenfreund, Char/Jankov/  
Foing/Neff/Fernandez/Rodono/Crivellari/  
Walter, Debehogne/Di Martino/Zappalà/Lager-

kvist/Hahn/Magnusson/de Campos/Cuy-  
pers/Cutispoto, Arlot/Thuillot/Descamps/Vu/  
Colas, Debehogne/Di Martino/Zappalà/La-  
gerkvist/Hahn/Magnusson/de Campos/Cuy-  
pers/Cutispoto, Arlot/Thuillot/Descamps/Vu/  
Colas, Debehogne/Di Martino/Zappalà/La-  
gerkvist/Hahn/Magnusson/de Campos/Cuy-  
pers/Cutispoto.

*March 1991:* Thé/de Winter/Bibo/Hu, Arlot/  
Thuillot/Descamps/Vu/Colas, Thé/de Winter/  
Bibo/Hu, Cutispoto/Giampapa/Pasquini/  
Leto/Pagano, Arlot/Thuillot/Descamps/Vu/  
Colas, Cutispoto/Giampapa/Pasquini/Leto/  
Pagano, Peres/Cutispoto/Reale/Serio/Leto/  
Pagano.

### GPO 40-cm Astrograph

*Nov. 1990:* Elst/Hoffmann/Shkodrov.

*Dec. 1990:* Vidal-Madjar.

*Feb. 1991:* Munari/Lattanzi/Massone,  
Massone.

*March 1991:* Debehogne/Machado/Caldeira/  
Vieira/Netto/Zappalà/de Sanctis/Lagerkvist/  
Mourao/Protitch-Benishek/Javanshir/  
Woszczyk.

### 1.5-m Danish Telescope

*Oct. 1990:* Ardeberg/Lundström/Lindgren,  
Caon/Capaccioli, Danziger/Bouchet/  
Gouiffes/Lucy/Fransson/Mazzali/Della Valle,  
Capaccioli/Bresolin/Ortolani/Piotto, Mazure  
et al. – 1-014-43K, Athanassoula/Bosma/  
Buta/Crocker, Saust, Andersen/Nordström/  
Mayor/Olsen.

*Nov. 1990:* Danish time, Mayor et al. – 5-  
001-43K.

*Dec. 1990:* Mayor et al. – 5-001-43K, Lor-  
tet/Lindgren/Martin N., Vio/Cristiani/Della  
Valle/La Franca, Danziger/Bouchet/Gouiffes/  
Lucy/Fransson/Mazzali/Della Valle, Surdej et  
al. – 2-003-43K, Quintana/Ramirez, Vidal-  
Madjar, Prugniel/Bhatia/McGillivray/Piotto,  
Danziger/Bouchet/Gouiffes/Lucy/Fransson/  
Mazzali/Della Valle, Danish time.

*Jan. 1991:* Danish time, Mayor et al. – 5-  
001-43K.

*Feb. 1991:* Mayor et al. – 5-001-43K,  
Gahm/Lodén K., West, Bender et al. – 1-004-  
43K, Caon/Capaccioli/Ferrario, Groenewegen/  
de Jong T./Hu, Danziger/Bouchet/

Gouiffes/Lucy/Fransson/Mazzali/Della Valle,  
Waelkens/Mayor, Mermilliod/Mayor.

*March 1991:* Mermilliod/Mayor, Danish  
Time, Ardeberg/Lundström/Lindgren.

### 50-cm Danish Telescope

*Oct. 1990:* Group for Long Term Photome-  
try of Variables, Ardeberg/Lundström/Lind-  
gren, Group for Long Term Photometry of  
Variables.

*Nov. 1990:* Group for Long Term Photome-  
try of Variables, Danish time, Einicke/Fa-  
bricius/Helmer, Group for Long Term Photo-  
metry of Variables.

*Dec. 1990:* Group for Long Term Photome-  
try of Variables.

*Jan. 1991:* Group for Long Term Photome-  
try of Variables, Danish time, Group for Long  
Term Photometry of Variables.

*Feb. 1991:* Group for Long Term Photome-  
try of Variables, Olsen, Maitzen/Leone/  
Catalano F.A./Jenkner.

*March 1991:* Franco, Ardeberg/Lundström/  
Lindgren, Catalano F.A./Leone/Kroll.

### 90-cm Dutch Telescope

*Oct. 1990:* van Genderen.

*Nov. 1990:* van Genderen, Dutch time.

*Dec. 1990:* Dutch time, van Genderen,  
Lub/de Ruiter.

*Jan. 1991:* Dutch time.

*Feb. 1991:* Ferrari/Bucciarelli/Massone/  
Koorneef/Lasker/Postman/Siciliano/Lattan-  
zi, van Genderen/van der Hucht/Schwarz.

*March 1991:* Dutch time.

### SEST

*Nov. 1990:* Chini, Casoli, Bresolin, Com-  
bes, Becker, Kazes, Dettmar.

*Jan. 1991:* Wielebinski, Loiseau, Oosterloo,  
Huchtmeier, Dennefeld, Wild/Eckart, van der  
Hulst, Israel, Rothenmel, de Graauw, Israel.

*March 1991:* Tacconi, Beckman, Cameron,  
Gérin, Wild, Cox, Lequeux, Cox, Stark, Hen-  
kel, Arnal, Groenewegen, Hu, Foing.

**During 2nd ESO/OHP Summer School in Astrophysical Observations:**

## Observatoire de Haute-Provence Becomes a European Northern Observatory

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There is a strong trend towards an ever tighter correlation between the quality of the equipment of an astronomical observatory and the remote-

ness of its site. There are good reasons for this. But it has the negative side effect that students find it more and more difficult to get adequate training in

the usage of up-to-date instruments and the handling of the data they provide. This simple recognition led the European Southern Observatory and the Ob-