

ing elsewhere, we would like visiting astronomers to have access to it as soon as possible. Proposals are therefore invited for the use of IRAC 2 at the 2.2-m telescope in period 50 (October 1992–March 1993) by the usual deadline of April 15, 1992.

Unfortunately, as this deadline falls before the first telescope test, proposers will obviously have to accept some shared risk. As the results of this test will be known before the OPC meeting in June, however, it will be possible to take both these and the overall instrument/software status into account before the final time allocations and schedule are made. It is recommended that Proposers (i) place as few restrictions as possible on the required observing dates and (ii) also state in the section "Special Remarks" whether or not their programme is also feasible using the 64×64 IRAC 1 camera already installed at the 2.2-m.

A. MOORWOOD and G. FINGER
ESO-Garching, Feb. 1992

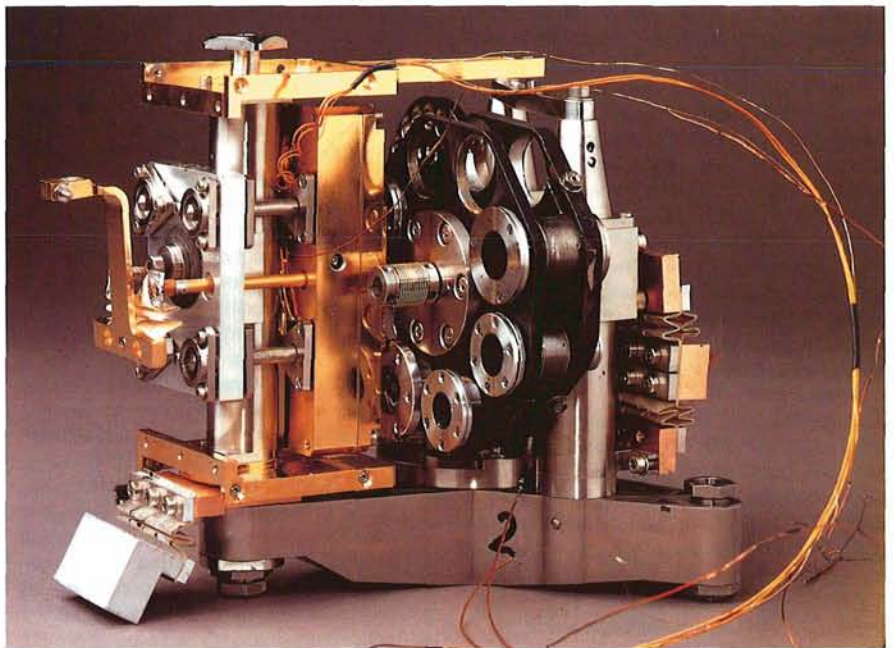


Figure 2: The cryogenically cooled optical assembly showing the array detector mount (gold), objective wheel and, just visible behind the latter, the 24-position filter wheel.

Visiting Astronomers

(April 1 – October 1, 1992)

Observing time has now been allocated for Period 49 (April 1 – October 1, 1992). The demand for telescope time was again 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

April 1992: Reimers/Köster, Shaver/Böhringer/Ebeling, Miley et al. (2-001-43K), François, Pallavicini/Pasquini/Randich, Hensberge et al. (5-005-45K), De Graauw et al. (9-003-49K), Zamorani/Vettolani/Bardelli/Zucca/Scaramella/MacGillivray/Collins, Jørgensen/Rasmussen/Franx, Van Drom/Hutsemékers.

May 1992: Van Drom/Hutsemékers, Turatto et al. (4-004-45K), Cacciari/Clementini, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Van der Hucht/Thé/Williams, Weitzel/Leinert, Mirabel/Duc/Dottori, Böhringer et al. (1-023-49K), Amram/Balkowski/Le Coarer/Marcelin/Sullivan/Cayette.

June 1992: Corradi/Schwarz/Boulesteix, Bandiera/Corradi/Boulesteix, Mathys, Da Silva/de la Reza, Pasquini/Spite M./Spite E./Lindgren H., Lagrange-Henri/Loinard/Bouvier/Gomez/Bertout, Baade/Crane, Ferlet/Lemoine/Vidal-Madjar/Dennefeld, Vladilo/Centurion/Molaro/Monai, Schmid/Schild.

July 1992: Duerbeck/Leibowitz/Shara, Turatto et al. (4-004-45K), Duerbeck/Leibowitz/Shara, Moehler/de Boer/Heber, Jockers/Boehnhardt/Thomas/Kiselev, test of

TIMMI (Moorwood), reserved – "WAD", Caulet/Hook/Pirrenne/Brown/Waller/Woodgate, Danziger/Gilmozzi/Zimmermann/Hasinger/MacGillivray.

August 1992: Danziger/Gilmozzi/Zimmermann/Hasinger/MacGillivray, Ruiz/Leggett/Bergeron, P., Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Courvoisier/Bouchet/Blecha/Orr/Valtaoja, Macchetto/Sparks, Macchetto/Sparks, Barbon/Marziani/Notni/Radovich/Rafanelli/Schulz, Freudling.

September 1992: Turatto et al. (4-004-45K), Reimers et al. (2-009-45K), Courvoisier/Bouchet/Blecha/Orr/Valtaoja, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Vettolani et al. (1-019-47K), Mazure/Rhee et al. (1-014/005-43K), Danziger et al. (6-003-45K).

3.5-m NTT

April 1992: Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, West/Hainaut/Marsden/Smette, Bender et al. (1-004-43K), Turatto et al. (4-004-45K), De Graauw et al. (9-003-49K), Boisson/Joly/Kotilainen/Ward/Moorwood/Oliva, Cox/Balutau/Emery/Gry, Meylan/Djorgovski/Thompson, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Thomsen/Hjorth/Grundahl Jensen/Sodemann.

May 1992: Surdej et al. (2-003-43K), Miley et al. (2-001-43K), Webb/Shaver/Carswell/Barcons/Rauch, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Le Bertre/Lequeux, Krautter/Evans/Weight/Rawlings, Fosbury/Morganti/Robinson/Hook/Tsvetanov, Zinnecker/Reipurth/Brandner, Bandiera, Fosbury/Morganti/Robinson/Hook/Tsvetanov, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, West/Hainaut/Marsden/Smette, Zeilinger/Bertola/Bertin/Danziger/Dejonghe/Pizella/Sadler/Saglia/Stiavelli/de Zeeuw.

June 1992: Zeilinger/Bertola/Bertin/Danziger/Dejonghe/Pizella/Sadler/Saglia/Stiavelli/de Zeeuw, Buonanno/Matteucci/Fusi/Pecci/Danziger, Cimatti/di Serego Alighieri, Rampazzo/Bland-Hawthorn/Hernquist/Blandford, Lutz/Genzel/Dratz/Krabbe/Harris/Hillier/Kudritzki, Richtler/Wagner/Held/Capaccioli, Surdej et al. (2-003-43K).

July 1992: Augusteijn/van der Klis/van Kerkwijk/van Paradijs, Capaccioli/Piotto/Zaggia/Stiavelli, Piotto/Cacciari/Ferraro/Fusi/Pecci/Djorgovski, Carollo/Danziger, Danziger/Carollo, Capaccioli/Böhm/Lorenz/Richter, Falomo/Tanzi.

August 1992: Falomo/Tanzi, Walsh/Meaburn, Alcaino/Liller/Wenderoth, Eckart/Genzel/Hofmann/Dratz/Sams, Stecklum/Eckart/Hofmann/Henning, Hofmann/Eckart/Dratz/Genzel/Sams, Redfern/Pedersen/Cullum/Charles/Callanan/Shearer, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Christensen/Sommer-Larsen/Hawkins/Flynn, Bowen/Lanzetta, Cetty-Véron.

September 1992: Lagerkvist/Williams/Magnusson/Fitzimmons/Dahlgren, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Moorwood/Origlia/Oliva, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, De Lapparent et al. (1-003-43K), Surdej et al. (2-003-43K), Peterson/D'Odorico/Tarenghi/Wampler/Yoshii/Silk.

October 1992: Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, West/Hainaut/Marsden/Smette, Zeilinger/Bertola/Bertin/Danziger/Dejonghe/Pizella/Sadler/Saglia/Stiavelli/de Zeeuw, Buonanno/Matteucci/Fusi/Pecci/Danziger, Cimatti/di Serego Alighieri, Rampazzo/Bland-Hawthorn/Hernquist/Blandford, Lutz/Genzel/Dratz/Krabbe/Harris/Hillier/Kudritzki, Richtler/Wagner/Held/Capaccioli, Surdej et al. (2-003-43K).

2.2-m Telescope

April 1992: Miley et al. (2-001-43K), Bender et al. (1-004-43K), Pagel/Terlevich/Diaz/Vil-

chez/Edmunds, Turatto et al. (4-004-45K), Danziger/Buonanno/Fusi Pecci/Matteucci/Carollo, MPI time.

May 1992: MPI time, Courvoisier/Bouchet/Blecha/Orr/Valtaoja, Prusti/Whittet/Chiar/Smith, Van der Hucht/Thé/Williams, Menard, Oosterloo/Prieur, Allard/Köster/Vauclair.

June 1992: Kunkel/Zinnecker/Schmitt, Turatto et al. (4-004-45K), Waelkens/Hu/van Winckel, Waelkens/Hu/van Winckel, Guarnieri/Barbuy/Bica/Ferraro/Fusi Pecci/Ortolani, De Winter/Thé, Mirabel/Lagage/Cesarsky C., Pottasch S.R./van de Steene/Sahu K.C., Surdej et al. (2-003-43K), Richtler/Grebel/Kaluzny, Grebel/Richtler.

July 1992: Rosa/Kinkel, Bertola/Rix/Zeilinger/Noziglia, Courvoisier/Bouchet/Blecha/Orr/Valtaoja, Sicardy/Barucci/Brahic/Ferrari/Roques, Habing et al. (5-007-45K), Courvoisier/Bouchet/Blecha/Orr/Valtaoja, Sabbadin/Cappellaro/Turatto/Benetti/Salvadori, Azzopardi/Lequeux/Rebeiro, Turatto et al. (4-004-45K).

August 1992: Turatto et al. (4-004-45K), Arnaboldi/Held/Capaccioli/Cappellaro/Sparke/Mackie, MPI time.

September 1992: MPI time, Caux/Monin/Boulard/Lagrange-Henri, Surdej et al. (2-003-43K), Capaccioli/Piotto/Bresolin, Barbieri et al. (2-007-43K), Capaccioli/Piotto/Bresolin.

1.5-m Spectrographic Telescope

April 1992: Goudfrooij/de Jong/Jørgensen/Nørgaard-Nielsen/Hansen, Baade/Kolb/Kudritzki/Simon, Hensberge et al. (5-005-45K), Baade/Kolb/Kudritzki/Simon, Mantegazza/Arellano Ferro, Courvoisier/Bouchet/Blecha, Jørgensen/Rasmussen/Franx, Bertola/Amico/Zeilinger.

May 1992: Bertola/Amico/Zeilinger, Krauter/Wichmann/Alcala/Schmitt/Zinnecker, Lorenz/Drechsel/Mayer, Bogaert/Hu/Waelkens, Kunkel/Zinnecker/Schmitt.

June 1992: Böhringer et al. (1-023-49K), Gerbaldi et al. (5-004-43K), Thé/van den Ancker/de Winter, Ng/Kerschbaum/Habing/Hron, Schmid/Schild, Prugniel/Rampazzo/Sulentic/Combes/Hes/Amram.

July 1992: Prugniel/Rampazzo/Sulentic/Combes/Hes/Amram, Bianchini/Della Valle/Ögelman/Orio/Bianchi, Jockers/Bönnhardt/Thomas/Kiselev, Courvoisier/Bouchet/Blecha, Habing et al. (5-007-45K), Greve/McKeith, Acker/Cuisinier/Köppen/Rolla/Stasinska/Testor.

August 1992: Acker/Cuisinier/Köppen/Rolla/Stasinska/Testor, Pottasch S.R./Machado/Garcia Lario/Sahu K.C., Zeilinger/Møller/Stiavelli, Christensen/Sommer-Larsen/Beers/Flynn.

September 1992: Christensen/Sommer-Larsen/Beers/Flynn, Reimers et al. (2-009-45K), Gerbaldi et al. (5-004-43K), Spinoglio/Malkan/Rush, Danziger et al. (6-003-45K), Schwöpe/Beuermann/Thomas, Barbieri et al. (2-007-43K).

1.4-m CAT

April 1992: Baade/Kolb/Kudritzki/Simon, De Jager/Achmad/Nieuwenhuijzen, Waelkens/Conlon/Duften, North/Glagolevski, Bossi/Mantegazza/Poretti/Riboni, Mathias/Gillet.

May 1992: Mathias/Gillet, Randich/

Gösta W. Funke 1906–1991

Gösta W. Funke, former President of the ESO Council, died at the age of 85. He spent the main part of his very active life in the advancement of scientific research, on furthering the understanding of the importance of research for society, and advocating the application of rational principles in the solution of problems in society.

Funke was born on October 27, 1906. He received his Ph.D. and became Associate Professor at Stockholm University in 1937. He taught Mathematics and Physics in secondary school until 1944. From then until his retirement in 1972, Funke worked in different positions in the Natural Science Research Council and the Atomic Research Council. It can be claimed without exaggeration that his contribution was of extraordinary importance for the development and achievements of these Councils. His vivid interest and his knowledge provide the right conditions for constructive initiatives for both basic research and applications in many areas of society. His consistently claiming the importance of rational action in academic as well as other contexts was not always popular in all quarters, but it found a permanent echo among the members and staff of the Councils, and also among the promoters of research in Sweden and abroad.

Funke played an important role also in international research. Apart from cooperation within the Nordic countries, he took a particular interest in improving the links to France, a country which had (perhaps due to the language barrier) become unjustly neglected in Swedish research contacts, in spite of the obvious excellence of French science.

Funke contributed to the creation of the European research organizations CERN (for particle physics) and ESO (for astronomy). He was a Swedish delegate in both CERN and ESO; chairman of their Councils in 1967–69 and 1966–68 respectively. Further, he was Swedish delegate in NORDITA (for atomic research). He also contributed to the creation of the EMBL laboratory (for molecular biology).

Funke took a great interest in the application in society of results from scientific research, in the relations between technology and society, and in the protection of man against harmful effects of modern technology.

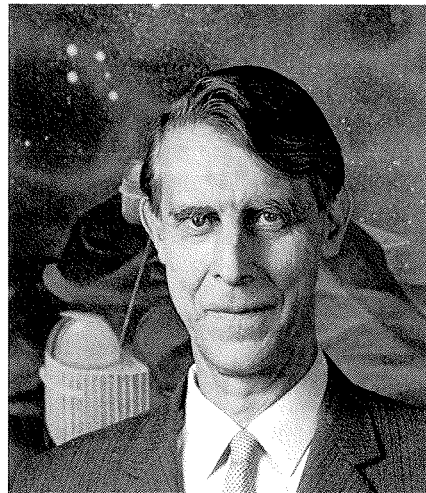
P. O. LINDBLAD

Although his involvement with ESO affairs may not date from the earliest consultations, in the 1950s, between leading personalities among whom Bertil Lindblad on behalf of Sweden, in a broader sense Funke may be rightly ranked among the Founding Fathers of our Organization. He was a member of the ESO Finance Committee from the date of the ratification of the Convention in 1964, and when soon after that, in 1965, Bertil Lindblad passed away shortly after having become President of the Council, Funke was the natural choice for being elected to this Office. He served in this capacity until the end of 1968 and remained a Council member for many years after.

A steady supporter of the aims of ESO throughout its early development and convinced of the necessity of European collaboration in scientific endeavour, Funke also was instrumental in pursuing these goals in times of ESO's early growing pains. Thus, when in 1969 Council resolved to appoint a small Working Group for reviewing certain administration procedures and staff problems, Funke was asked to chair this Group. He also played an important role in the new approach ESO followed in 1970 for the realization of the 3.6-m Telescope, when it was decided to solicit for this project the collaboration of CERN. As a President of the CERN Council at that time, Funke was in a position to pave the way for CERN's decision to enter this collaboration. The wholehearted way in which this project then was pursued from the side of CERN led to the ESO TP Divisions's already that same year starting its work on the CERN premises.

Funke was an efficient chairman, with a sober, no-nonsense approach and a sense of humour. His contribution to ESO will be remembered with admiration and sympathy.

A. BLAAUW



Cratton/Pallavicini/Pasquini, Gratton/Snedden, Nussbaumer/Mürset/Schmid/Schmutz, Gustafsson/Andersen J./Edvardsson/Nissen, Gustafsson/Andersen J./Edvardsson/Nissen, Steff/Baade/Balona, Gredel/van Dishoeck.

June 1992: Gredel/van Dishoeck, Kaper/

Bhattacharya / Blondin / Hammerschlag / Takens/Tziotziu, Gredel/van Dishoeck, Kaper/Bhattacharya / Blondin / Hammerschlag / Takens/Tziotziu, Lagrange-Henri/Jaschek M./Jaschek C., Aerts/Waelkens, Mathys/Landstreet/Lanz.

July 1992: Mathys/Landstreet/Lanz, Lagrange-Henri/Loinard/Bouvier/Gomez/Bertout, Benvenuti/Porceddu/Krelowski, Magain/Zhao, Pogodin, Nussbaumer/Mürset/Schmid/Schmutz, Jorissen/Mayer/North.

August 1992: Jorissen/Mayer/North, Van Paradijs/Schrijver/Verbunt/Zwaan/Schmitt/Piters/Rutten.

September 1992: Berrios Salas/Fernández/Char/Maldini/Guzmán, Favata/Sciortino/Micela/Barbera.

1-m Photometric Telescope

April 1992: Jourdain de Muizon/d'Hendecourt/Puget, Courvoisier/Bouchet/Blecha, de Jager/Achmad/Nieuwenhuijzen, Bruch/Schimpke, Cacciari/Clementini.

May 1992: Cacciari/Clementini, Courvoisier/Bouchet/Blecha, Van der Hucht/Thé/Williams, Randich/Gratton/Pallavicini/Pasquini, Pottasch S.R./Manchado/García Lario/Sahu K. C. Mottola/Di Martino/Gonano/Neukum, Di Martino/Mottola/Gonano-Beuer/Neukum.

June 1992: Di Martino/Mottola/Gonano-Beuer/Neukum, Courvoisier/Bouchet/Blecha, Lagrange-Henri/Loinard/Bouvier/Gomez/Bertout, Habing et al. (5-007-45K), Ng/Kerschbaum/Habing/Hron, Alcaino/Liller/Alvarado/Wenderoth.

July 1992: Alcaino/Liller/Alvarado/Wenderoth, Courvoisier/Bouchet/Blecha, Habing et al. (5-007-45K), Fulchignoni/Barucci/Coradini/Burchi.

August 1992: Fulchignoni/Barruci/Coradini/Burchi, Panagi/Andrews/Houdebine/Foing, Lagerkvist/Magnusson/Eriksson.

September 1992: Lagerkvist/Magnusson/Eriksson, Lorenzetti/Molinari.

50-cm ESO Photometric Telescope

April 1992: Kohoutek, de Jager/Achmad/Nieuwenhuijzen, Bossi/Mantegazza/Poretti/Riboni.

May 1992: Bessi/Mantegazza/Poretti/Riboni, Lorenz R./Drechsel/Mayer, Magnan/Menessier/de Laverny, Oblak et al. (7-009-49K), Gieren/Covarrubias.

June 1992: Gieren/Covarrubias, Wolf/Mandel/Spiller/Stahl/Szeifert/Zickgraf/Jüttner/Sterken.

July 1992: Wolf/Mandel/Spiller/Stahl/Szeifert/Zickgraf/Jüttner/Sterken.

August 1992: Magnan/Menessier/de Laverny, Panagi/Andrews/Houdebine/Foing, Oblak et al. (7-009-49K), Sinachopoulos, Berrios Salas/Fernández/Char/Maldini/Guzmán.

September 1992: Berrios Salas/Fernández/Char/Maldini/Guzmán, Magnan/Menessier/de Laverny, Hainaut/Detal/Pospieszalska-Surdej/Schils.

GPO 40-cm Astrograph

April 1992: Debehogne/Lopez/Garcia/Machado/Caldeira/Vieira/Netto/Lagerkvist/Mourao/Protitch-Benishek/Javashir.

May 1992: Debehogne/Lopez-Garcia/Machado/Caldeira/Vieira/Netto/Lagerkvist/Mourao/Protitch-Benishek/Javashir, Munari/Lattanzi/Massone.

June 1992: Munari/Lattanzi/Massone, Scardia.

July 1992: Debehogne/Lopez/Garcia/Machado/Caldeira/Vieira/Netto/Lagerkvist/

Mourao/Protitch-Benishek/Javashir.

August 1992: Debehogne/Lopez-Garcia/Machado/Caldeira/Vieira/Netto/Lagerkvist/Mourao/Protitch-Benishek/Javashir, Vidal-Majar et al.

September 1992: Vidal-Madjar et al.

1.5-m Danish Telescope

April 1992: West/Hainaut/Marsden/Smette, Surdej et al. (2-003-43K), Goudfrooij/de Jong/Jørgensen H.E./Nørgaard-Nielsen/Hansen, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Mayor et al. (5-001-43K), Danish time.

May 1992: Danish time, Nordström/Andersen J., Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Surdej et al. (2-003-43K), Ortolani/Barbuy/Bica, Prugniel/Rampazzo/Sulentic/Combes/Hes/Amram.

June 1992: Surdej et al. (2-003-43K), van der Klis/Augusteijn/Kuulkers/van Paradijs, Surdej et al. (2-003-43K), Danish time.

July 1992: Danish time, Mayor et al. (5-001-43K), Surdej et al. (2-003-43K), Tosi/Greggio/Marconi/Ferraro, Surdej et al. (2-003-43K), van Groningen/Miley/Chatzichristou/Keel/Heckmann.

August 1992: van Groningen/Miley/Chatzichristou/Keel/Heckman, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Surdej et al. (2-003-43K), Jorissen/Mayer/North, Duquenooy/Mayer, Danish time.

September 1992: Danish time, Ardeberg/Lindgren/Lundström, Ardeberg/Lindgren/Lundström, Wagner/Brinkmann/Voges/Heidt, Barbieri et al. (2-007-43K), Warren/Iovino/Shaver, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Surdej et al. (2-003-43K).

90-cm Dutch Telescope

April 1992: Covino/Krautter/Alcala/

Chavarria/Terranegra, Dutch time.

May 1992: Dutch time, Oblak et al. (7-009-49K), Hahn/Lindgren M./Lagerkvist/Maury, Della Valle/Melnick, Turatto et al. (4-004-45K).

June 1992: Prugniel/Rampazzo/Sulentic/Combes/Hes/Amram, Wendker/Heske, De Winter/Thé, Van Dessel/Sinachopoulos, Prugniel/Rampazzo/Sulentic/Combes/Hes/Amram, Turatto et al. (4-004-45K), Schwarz/van Winckel/Corradi.

July 1992: Della Valle/Melnick, Schwarz/Corradi / van Winckel, Duerbeck / Vogt / Leibowitz, Dutch time.

August 1992: Dutch time, Oblak et al. (7-009-49K), Longo/Busarello/Rifatto, Lagerkvist/Dahlgren/Williams/Fitzsimmons, Della Valle/Melnick.

September 1992: Freudling/Alonso/DaCosta/Wegner, Weiss/Schneider/Gelmann/Kuschnig, Ferrari/Bucciarelli/Massone / Koornneef / Lasker / Le Poole / Postman / Siciliano/Lattanzi, Turatto et al. (4-004-45K), Della Valle / Melnick, Schwöpe / Beuermann, Thomas.

50-cm Danish Telescope

April 1992: Jønch-Sørensen/Andersen M.I., Danish time.

May 1992: Danish time, Steff/Baade/Balona, Gosset/Manfroid/Vreux/Smette, Steff/Baade/Balona.

June 1992: Steff/Baade/Balona, Danish time, Group for Long Term Photometry of Variables.

July 1992: Group for Long Term Photometry of Variables.

August 1992: Group for Long Term Photometry of Variables, Ardeberg/Lindgren/Lundström.

September 1992: Ardeberg/Lindgren/Lundström, Group for Long Term Photometry of Variables.

ANNOUNCEMENT

ESO/EIPC Workshop on Structure, Dynamics and Chemical Evolution of Early-Type Galaxies

Marciana Marina, Isola d'Elba, 25-30 May, 1992

A joint ESO/EIPC Workshop on Structure, Dynamics and Chemical Evolution of Early-Type Galaxies will be held from 25 to 30 May, 1992, at the Elba International Physics Centre, Marciana Marina, Isola d'Elba, Italy.

Topics of the workshop:

- Physical properties of early-type galaxies
- Subsystems in early-type galaxies
- Dark matter
- Formation and dynamical modelling
- Chemical evolution and stellar populations
- Nuclear and non-nuclear activity
- X-ray emission

Organizing Committee:

R. Bender (Heidelberg), F. Bertola (Padova), M. Capaccioli (Padova), I.J. Danziger (ESO), F. Ferrini (Pisa), M. Stiavelli (Pisa), W. Zeilinger (ESO)

Contact Address:

John Danziger, European Southern Observatory
Karl-Schwarzschild-Str. 2, D-W 8046 Garching bei München, Germany