

SUBJECT INDEX

INAUGURATION CEREMONY OF PARANAL OBSERVATORY 5 MARCH 1999

- Introduction to the ESO Annual Report 1998 by Prof. Riccardo Giacconi, Director General of ESO **96**, 2
 Discourse of Prof. Riccardo Giacconi, Director General of ESO **96**, 2
 Discourse of Mr. Grage, President of the ESO Council **96**, 4
 Discourse of His Excellency the President of the Republic of Chile, Don Eduardo Frei Ruiz-Tagle **96**, 5
 The VLT Opening Symposium **96**, 6

TELESCOPES AND INSTRUMENTATION

- A. Moorwood, J.-G. Cuby, P. Ballester, P. Bierichel, J. Brynnel, R. Conzelmann, B. Delabre, N. Devillard, A. Van Dijsseldonk, G. Finger, H. Gemperlein, C. Lidman, T. Herlin, G. Huster, J. Knudstrup, J.-L. Lizon, H. Mehrgan, M. Meyer, G. Nicolini, A. Silber, J. Spyromilio, J. Stegmeier: ISAAC at the VLT **95**, 1
 N. Devillard, Y. Jung, J.-G. Cuby: ISAAC Pipeline Data Reduction **95**, 5
 A. Kaufer, O. Stahl, S. Tubbesing, P. Nørregaard, G. Avila, P. François, L. Pasquini, A. Pizzella: Commissioning FEROS, the New High-resolution Spectrograph at La Silla **95**, 8
 N. Ageorges and N. Hubin: Monitoring of the Atmospheric Sodium above La Silla **95**, 12
 D. Baade, K. Meisenheimer, O. Iwert, J. Alonso, Th. Augusteijn, J. Beletic, H. Bellemann, W. Benesch, A. Böhm, H. Böhnhardt, J. Brewer, S. Deiries, B. Delabre, R. Donaldson, Ch. Dupuy, P. Franke, R. Gerdes, A. Gilliotte, B. Grimm, N. Haddad, G. Hess, G. Ihle, R. Klein, R. Lenzen, J.-L. Lizon, D. Mancini, N. Munch, A. Pizarro, P. Prado, G. Rahmer, J. Reyes, F. Richardson, E. Robledo, F. Sanchez, A. Silber, P. Sinclair, R. Wackermann, S. Zaggia: The Wide Field Imager at the 2.2-m MPG/ESO Telescope: First Views with a 67-Million-Facet Eye **95**, 15
 R. Kurz and P. Shaver: The ALMA Project **96**, 7
 A First for the VLT: Observations of the Gamma-Ray Burst GRB990510, and Discovery of Linear Polarisation **96**, 11
 A. Renzini: FORS1 and ISAAC Science Verification at Antu/UT1 **96**, 12
 B. Renzini: UT2/Kueyen: a Stellar Astronomer's Dream Comes True **96**, 13
 G. Monnet: VLT Instrumentation Renewal **96**, 15
 Centerfold: Satellite image showing the proposed location of ALMA **96**, 15
 P. Ballester, A. Disaro, D. Dorigo, A. Modigliani, J.A. Pizarro de la Iglesia: The VLT Data Quality Control System **96**, 19
 E. Allaert: The VLT Software Workshop **96**, 22

- M. Tarengi: News from the VLT **97**, 1
 E. Ettlinger, P. Giordano, and M. Schneermann: Performance of the VLT Mirror Coating Unit **97**, 4
 M. Sarazin and J. Navarrete: Climate Variability and Ground-Based Astronomy: The VLT Site Fights Against La Niña **97**, 8
 C. Castillo F. and L. Serrano G.: Analysis of the Anomalous Atmospheric Circulation in Northern Chile During 1998 **97**, 10
 M. Ferrari and F. Derie: Variable Curvature Mirrors **97**, 11
 F. Derie, E. Brunetto, and M. Ferrari: The VLTI Test Siderostats Are Ready for First Light **97**, 12
 J.C. Christou, D. Bonaccini, N. Ageorges, and F. Marchis: Myopic Deconvolution of Adaptive Optics Images **97**, 14
 Latest News: "First Light" for VLT High-Resolution Spectrograph UVES **97**, 22
 A. Glindemann, R. Abuter, F. Carbognani, F. Delplancke, F. Derie, A. Gennai, P. Gitton, P. Kervella, B. Koehler, S. Lévêque, G. De Marchi, S. Menardi, A. Michel, F. Paresce, T. Phan Duc, M. Schöller, M. Tarengi, R. Wilhelm: The VLT – The Observatory of the 21st Century **98**, 2
 D. Bonaccini, W. Hackenberg, M. Cullum, M. Quattri, E. Brunetto, J. Quentin, F. Koch, E. Allaert, A. Van Kesteren: Laser Guide Star Facility for the ESO VLT **98**, 8
 W. Hackenberg, D. Bonaccini, G. Avila: VLT Laser Guide Star Facility Sub-system Design. Part I: Fibre Relay Module **98**, 14
 New Pictures from the VLT **98**, 19
 J. Spyromilio, A. Wallander, M. Tarengi: Commissioning of the Unit Telescopes of the VLT **98**, 21
 A. Renzini, P. Rosati: The Science Verification Plan for FORS2 and UVES at UT2/Kueyen **98**, 24
 R. Gilmozzi: The First Six Months of VLT Science Operations **98**, 25
 F. Carbognani, G. Filippi, P. Sivera: Configuration Management of the Very Large Telescope Control Software **98**, 27
 M. Dolensky, M. Albrecht, R. Albrecht, P. Ballester, C. Boarotto, A. Brighton, T. Chavan, G. Chiozzi, A. Disaro, B. Kemp **98**, 30

THE LA SILLA NEWSPAGE

- O.R. Hainaut: News from the NTT **95**, 17
 C. Lidman: New SOFI Grisms – NTT and IR Teams **95**, 17
 M. Sterzik: A New Control Room for the 3.6-m Telescope **95**, 18
 O. Hainaut and the NTT Team: News from the NTT **97**, 24
 M. Sterzik, U. Weilenmann and the 3.6-m Upgrade Team: 3.6-m Telescope Control System Upgrade Completed **97**, 25

EIS – THE ESO IMAGING SURVEY

- A. Renzini, L. Da Costa: The ESO Imaging Survey **98**, 33
 L. Da Costa, S. Arnouts, C. Benoist, E. Deul, R. Hook, Y.-S. Kim, M. Nonino, E.

- Pancino, R. Rengelink, R. Slijkhuis, A. Wicenc, S. Zaggia: ESO Imaging Survey: Past Activities and Future Prospects **98**, 36

VLT DATA FLOW OPERATIONS NEWS

- P.A. Woudt and D. Silva: The NTT Service Observing Programme: On the Efficiency of Service Observing **95**, 18
 D. Baade: NGC 4945 in 3 Colours **95**, 19
 "First Light" of UT2! **95**, 24

OBSERVERS WITH THE VLT

- First Scientific Results with the VLT in Visitor and Service Mode **98**, 1
 B. Brandl, W. Brandner, E.K. Grebel, H. Zinnecker: VLT/ISAAC and HST/WFPC2 Observations of NGC 3603 **98**, 46
 R.P. Kudritzki, R.H. Mendez, J.J. Feldmeier, R. Ciardullo, G.H. Jacoby, K.C. Freeman, M. Arnaboldi, M. Capaccioli, O. Gerhard, H.C. Ford: From Intracluster Planetary Nebulae to High-Redshift Ly α Emitters **98**, 50
 C. De Breuck, W. Van Breugel, D. Minniti, G. Miley, H. Röttgering, S.A. Stanford, C. Carrilli: VLT Spectroscopy of the z = 4.11 Radio Galaxy TN J1338–1942 **98**, 52
 S. White: Weighing Young Galaxies – an Occasional Observer Goes to Paranal **98**, 54

REPORTS FROM OBSERVERS

- B. Stecklum, H.-U. Käufel, A. Richichi: The Lunar Occultation of CW Leo – a Great Finale for TIMMI **95**, 25
 L. Guzzo, H. Böhringer, P. Schuecker, C.A. Collins, S. Schindler, D.M. Neumann, S. De Grandi, R. Craddock, G. Chincarini, A.C. Edge, P.A. Shaver, W. Voges: The Reflex Cluster Survey: Observing Strategy and First Results on Large-Scale Structure **95**, 27
 J.U. Fynbo, B. Thomsen, P. Møller: NTT Service Mode Observations of the Lyman-Limit Absorber towards Q1205–30 **95**, 32
 C. Aerts, P. de Cat and L. Eyer: Long-Term Spectroscopic Monitoring of Pulsating B Stars: a Tribute to the CAT **96**, 23
 H. Lamy and D. Hutsemékers: A Procedure for Deriving Accurate Linear Polarimetric Measurements **96**, 25
 F. Courbin, P. Magain, S. Sohy, C. Lidman, G. Meylan: Deconvolving Spectra of Lensing Galaxies, QSO Hosts, and More... **97**, 26
 P. Leisy, P. Francois, and P. Fouqué: Emission-Line Object Survey in the LMC with the WFI: New Faint Planetary Nebulae **97**, 29

OTHER ASTRONOMICAL NEWS

- H.W. Duerbeck, D.E. Osterbrock, L.H. Barrera S., R. Leiva G.: Halfway from La Silla to Paranal – in 1909 **95**, 34
 B. Nordström: The Questionnaire Survey for "La Silla 2000+" **95**, 38

View of Northern Chile **96**, 1
 Translation of the Speech by H.E. the President of the Republic of Chile, Don Eduardo Frei Ruiz-Tagle, at the Inauguration of the Paranal Observatory, 5th March 1999 **96**, 28
 J. Bergeron and U. Grothkopf: Publications in Refereed Journals Based on Telescope Observations **96**, 28
 C. Madsen: ESO at the Hannover Fair **96**, 29
 C. Madsen: Science with the Atacama Millimetre Array **98**, 56

ANNOUNCEMENTS

Catherine Cesarsky – ESO's Next Director General **95**, 38
 ESO Studentship Programme **95**, 39
 Personnel Movements **95**, 39
 List of Scientific Preprints **95**, 39
 Minor Planet Mariotti **95**, 40
 Personnel Movements **96**, 30
 ESO Fellowship Programme 2000 **96**, 31
 Contributed Software by Observers in the ESO

Community **96**, 31
 List of Scientific Preprints (April–June 1999) **96**, 31
 New ESO Proceedings Available **96**, 32
 Personnel Movements **97**, 31
 List of Scientific Preprints **97**, 32
 B. Nordström: The La Silla 2000+ Report Now Available **98**, 57
 M. Dennefeld: The NEON Observing School **98**, 57
 Personnel Movements (1st October – 30th November 1999) **98**, 57

AUTHOR INDEX

A

C. Aerts, P. de Cat and L. Eyser: Long-Term Spectroscopic Monitoring of Pulsating B Stars: a Tribute to the CAT **96**, 23
 N. Ageorges and N. Hubin: Monitoring of the Atmospheric Sodium above La Silla **95**, 12
 E. Allaert: The VLT Software Workshop **96**, 22

B

D. Baade, K. Meisenheimer, O. Iwert, J. Alonso, Th. Augusteijn, J. Beletic, H. Bellemann, W. Benesch, A. Böhm, H. Böhnhardt, J. Brewer, S. Deiries, B. Delabre, R. Donaldson, Ch. Dupuy, P. Franke, R. Gerdes, A. Gilliotte, B. Grimm, N. Haddad, G. Hess, G. Ihle, R. Klein, R. Lenzen, J.-L. Lizon, D. Mancini, N. Munch, A. Pizarro, P. Prado, G. Rahmer, J. Reyes, F. Richardson, E. Robledo, F. Sanchez, A. Silber, P. Sinclair, R. Wacker-mann, S. Zaggia: The Wide Field Imager at the 2.2-m MPG/ESO Telescope: First Views with a 67-Million-Facet Eye **95**, 15
 D. Baade: NGC 4945 in 3 Colours **95**, 19
 P. Ballester, A. Disaro, D. Dorigo, A. Modigliani, J.A. Pizarro de la Iglesia: The VLT Data Quality Control System **96**, 19
 J. Bergeron: The VLT Opening Symposium **96**, 6
 J. Bergeron and U. Grothkopf: Publications in Refereed Journals Based on Telescope Observations **96**, 28
 D. Bonaccini, W. Hackenberg, M. Cullum, M. Quattri, E. Brunetto, J. Quentin, F. Koch, E. Allaert, A. Van Kesteren: Laser Guide Star Facility for the ESO VLT **98**, 8
 B. Brandl, W. Brandner, E.K. Grebel, H. Zinnecker: VLT/ISAAC and HST/WFPC2 Observations of NGC 3603 **98**, 46

C

F. Carbognani, G. Filippi, P. Sivera: Configuration Management of the Very Large Telescope Control Software **98**, 27
 C. Castillo F. and L. Serrano G.: Analysis of the Anomalous Atmospheric Circulation in Northern Chile During 1998 **97**, 10
 J.C. Christou, D. Bonaccini, N. Ageorges, and F. Marchis: Myopic Deconvolution of Adaptive Optics Images **97**, 14
 F. Courbin, P. Magain, S. Sohy, C. Lidman, G. Meylan: Deconvolving Spectra of Lensing Galaxies, QSO Hosts, and More... **97**, 26

D

L. Da Costa, S. Arnouts, C. Benoist, E. Deul, R. Hook, Y.-S. Kim, M. Nonino, E. Pancino, R. Rengelink, R. Slijkhuis, A. Wicenc, S. Zaggia: ESO Imaging Survey: Past Activities and Future Prospects **98**, 36

C. De Breuck, W. Van Breugel, D. Minniti, G. Miley, H. Röttgering, S.A. Stanford, C. Carrilli: VLT Spectroscopy of the $z = 4.11$ Radio Galaxy TN J1338–1942 **98**, 52
 M. Dennefeld: The NEON Observing School **98**, 57
 F. Derie, E. Brunetto, and M. Ferrari: The VLTI Test Siderostats Are Ready for First Light **97**, 12
 N. Devillard, Y. Jung, J.-G. Cuby: ISAAC Pipeline Data Reduction **95**, 5
 M. Dolensky, M. Albrecht, R. Albrecht, P. Ballester, C. Boarotto, A. Brighton, T. Chavan, G. Chiozzi, A. Disaro, B. Kemp **98**, 30
 H.W. Duerbeck, D.E. Osterbrock, L.H. Barrera S., R. Leiva G.: Halfway from La Silla to Paranal – in 1909 **95**, 34

E

E. Ettliger, P. Giordano, and M. Schneermann: Performance of the VLT Mirror Coating Unit **97**, 4

F

M. Ferrari and F. Derie: Variable Curvature Mirrors **97**, 11
 Discourse of His Excellency the President of the Republic of Chile, Don Eduardo Frei Ruiz-Tagle **96**, 5
 J.U. Fynbo, B. Thomsen, P. Møller: NTT Service Mode Observations of the Lyman-Limit Absorber towards Q1205–30 **95**, 32

G

Introduction to the ESO Annual Report 1998 by Prof. Riccardo Giacconi, Director General of ESO **96**, 2
 Discourse of Prof. Riccardo Giacconi, Director General of ESO **96**, 2
 R. Gilmozzi: The First Six Months of VLT Science Operations **98**, 25
 A. Glindemann, R. Abuter, F. Carbognani, F. Delplancke, F. Derie, A. Gennai, P. Gitton, P. Kervella, B. Koehler, S. Lévêque, G. De Marchi, S. Menardi, A. Michel, F. Paresce, T. Phan Duc, M. Schöller, M. Tarenghi, R. Wilhelm: The VLT – The Observatory of the 21st Century **98**, 2
 Discourse of Mr. Grage, President of the ESO Council **96**, 4
 L. Guzzo, H. Böhringer, P. Schuecker, C.A. Collins, S. Schindler, D.M. Neumann, S. De Grandi, R. Cruddace, G. Chincarini, A.C. Edge, P.A. Shaver, W. Voges: The Reflex Cluster Survey: Observing Strategy and First Results on Large-Scale Structure **95**, 27

H

W. Hackenberg, D. Bonaccini, G. Avila: VLT Laser Guide Star Facility Sub-system Design. Part I: Fibre Relay Module **98**, 14

O.R. Hainaut: News from the NTT **95**, 17
 O. Hainaut and the NTT Team: News from the NTT **97**, 24

K

A. Kaufer, O. Stahl, S. Tubbesing, P. Nørregaard, G. Avila, P. François, L. Pasquini, A. Pizzella: Commissioning FEROS, the New High-resolution Spectrograph at La Silla **95**, 8
 R.P. Kudritzki, R.H. Méndez, J.J. Feldmeier, R. Ciardullo, G.H. Jacoby, K.C. Freeman, M. Arnaboldi, M. Capaccioli, O. Gerhard, H.C. Ford: From Intracluster Planetary Nebulae to High-Redshift Ly α Emitters **98**, 50
 R. Kurz and P. Shaver: The ALMA Project **96**, 7

L

H. Lamy and D. Hutsemékers: A Procedure for Deriving Accurate Linear Polarimetric Measurements **96**, 25
 P. Leisy, P. François, and P. Fouqué: Emission-Line Object Survey in the LMC with the WFI: New Faint Planetary Nebulae **97**, 29
 C. Lidman: New SOFI Grisms – NTT and IR Teams **95**, 17

M

C. Madsen: ESO at the Hannover Fair **96**, 29
 C. Madsen: Science with the Atacama Millimetre Array **98**, 56
 G. Monnet: VLT Instrumentation Renewal **96**, 15
 A. Moorwood, J.-G. Cuby, P. Ballester, P. Bierichel, J. Brynnel, R. Conzelmann, B. Delabre, N. Devillard, A. Van Dijsseldonk, G. Finger, H. Gemperlein, C. Lidman, T. Herlin, G. Huster, J. Knudstrup, J.-L. Lizon, H. Mehrgan, M. Meyer, G. Nicolini, A. Silber, J. Spyromilio, J. Stegmeier: ISAAC at the VLT **95**, 1

N

B. Nordström: The Questionnaire Survey for “La Silla 2000+” **95**, 38
 B. Nordström: The La Silla 2000+ Report Now Available **98**, 57

R

A. Renzini: FORS1 and ISAAC Science Verification at Antu/UT1 **96**, 12
 A. Renzini: UT2/Kuyeyen: a Stellar Astronomer's Dream Comes True **96**, 13
 A. Renzini, P. Rosati: The Science Verification Plan for FORS2 and UVES at UT2/Kuyeyen **98**, 24
 A. Renzini, L. Da Costa: The ESO Imaging Survey **98**, 33