

Annual Index 2006 (Nos. 123–126)

Subject Index

Spain to Join ESO; 123, 3

Telescopes and Instrumentation

Status of the European ELT; Monnet, G.; Gilmozzi, R.; 123, 4

The VLT Adaptive Optics Facility Project: Telescope Systems; Arsenault, R.; Hubin, N.; Ströbele, S.; Fedrigo, E.; Oberti, S.; Kissler-Patig, M.; Bacon, R.; McDerimid, R.; Bonaccini-Calia, D.; Biasi, R.; Gallieni, D.; Riccardi, A.; Donaldson, R.; Lelouarn, M.; Hackenberg, W.; Conzelman, R.; Delabre, B.; Stuik, R.; Paufigue, J.; Kasper, M.; Vernet, E.; Downing, M.; Esposito, S.; Duchateau, M.; Franx, M.; Myers, R.; Goodsell, S.; 123, 6

The VLT Adaptive Optics Facility Project: Adaptive Optics Modules; Arsenault, R.; Hubin, N.; Ströbele, S.; Fedrigo, E.; Oberti, S.; Kissler-Patig, M.; Bacon, R.; McDerimid, R.; Bonaccini-Calia, D.; Biasi, R.; Gallieni, D.; Riccardi, A.; Donaldson, R.; Lelouarn, M.; Hackenberg, W.; Conzelman, R.; Delabre, B.; Stuik, R.; Paufigue, J.; Kasper, M.; Vernet, E.; Downing, M.; Esposito, S.; Duchateau, M.; Franx, M.; Myers, R.; Goodsell, S.; 123, 11

First Light for the VLT Laser Guide Star Facility (based on ESO Press Release 07/06); 123, 16

VLT-UVES Long-Slit Spectroscopy; Hubrig, S.; Avila, G.; Kaufer, A.; D'Odorico, S.; Dekker, H.; Schmutzer, R.; Marchesi, M.; Wolff, B.; Schmidtbreick, L.; 123, 17

ALMA News; Wilson, T.; 123, 19

The ALMA Design Reference Science Plan (DRSP); Hogerheijde, M.; 123, 20

CRIFES: Commissioning of the MACAO Adaptive Optics Module and General Status Report; Käuffl, H. U.; Esteves, R.; Fedrigo, E.; Gojak, D.; Lizon, J.-L.; Marchetti, E.; Oberti, S.; Paufigue, J.; Pozna, E.; Tordo, S.; 124, 2

Probing Unexplored Territories with MUSE: a Second-Generation Instrument for the VLT; Bacon, R.; Bauer, S.-M.; Böhm, P.; Boudon, D.; Brau-Nogué, S.; Caillier, P.; Capozzi, L.; Carollo, C. M.; Champavert, N.; Contini, T.; Daguisé, E.; Dallé, D.; Delabre, B.; Devriendt, J.; Dreizler, S.; Dubois, J.-P.; Dupieux, M.; Dupin, J.-P.; Emsellem, E.; Ferruit, P.; Franx, M.; Gallou, G.; Gerssen, J.; Guiderdoni, B.; Hahn, T.; Hofmann, D.; Jarno, A.; Kelz, A.; Koehler, C.; Kollatschny, W.; Kosmowski, J.; Laurent, F.; Lilly, S. J.; Lizon, J.-L.; Loupias, M.; Lynn, S.; Manescau, A.; McDerimid, R. M.; Monstein, C.; Nicklas, H.; Parès, L.; Pasquini, L.; Pécontal, E.; Pécontal-Rousset, A.; Pelló, R.; Petit, C.; Picat, J.-P.; Popow, E.; Quirrenbach, A.; Reiss, R.; Renault, E.; Roth, M.; Schaye, J.; Soucaill, G.; Steinmetz, M.; Ströbele, S.; Stuik, R.; Weilbacher, P.; Wozniak, H.; de Zeeuw, P. T.; 124, 5

New, Efficient High-Resolution Red VPH Grisms in VIMOS; Marconi, G.; Bagnulo, S.; Lizon, J.-L.; Buzzoni, B.; Dekker, H.; D'Odorico, S.; Izzo, C.; Wolff, B.; 124, 11

The Atacama Pathfinder Experiment; Güsten, R.; Nyman, L.-Å.; Menten, K.; Cesarsky, C.; Booth, R. S.; Schilke, P.; 124, 12

ALMA News; Wilson, T.; 124, 18

The 2006 SPIE Symposium on Astronomical Telescopes and Instrumentation – Observing the Universe from Ground and Space; Moorwood, A.; 124, 19

SPHERE: a 'Planet Finder' Instrument for the VLT; Beuzit, J.-L.; Feldt, M.; Dohlen, K.; Mouillet, D.; Puget, P.; Antici, J.; Baruffolo, A.; Baudoz, P.; Berton, A.; Boccaletti, A.; Carbillet, M.; Charton, J.; Claudi, R.; Downing, M.; Feautrier, P.; Fedrigo, E.; Fusco, T.; Gratton, R.; Hubin, N.; Kasper, M.; Langlois, M.; Moutou, C.; Mugnier, L.; Pragt, J.; Rabou, P.; Saisse, M.; Schmid, H. M.; Stadler, E.; Turrato, M.; Udry, S.; Waters, R.; Wildi, F.; 125, 29

Second-generation VLTI Instruments: a First Step is Made; Richichi, A.; Moorwood, A.; 125, 35

The ALMA Back-End; Baudry, A.; Marchet, F. B.; Kurlandczyk, H.; Rossi, S.; 125, 37

The 2006 ESO Science Archive Survey; Delmotte, N.; Dolensky, M.; Micol, A.; Padovani, P.; Rino, B.; Rosati, P.; Wicenc, A.; Retzlaff, J.; Rité, C.; Slijkhuis, R.; Vandame, B.; Vuong, M. H.; 125, 41

FriOWL: A Site Selection Tool for the European Extremely Large Telescope (E-ELT) Project; Sarazin, M.; Graham, E.; Kurlandczyk, H.; 125, 44

Good Vibrations: Report from the Commissioning of CRIFES; Käuffl, H. U.; Amico, P.; Ballester, P.; Bendek, E.; Biereichel, P.; Bristow, P.; Casali, M.; Delabre, B.; Dorn, R.; Eschbaumer, S.; Esteves, R.; Fedrigo, E.; Finger, G.; Fischer, G.; Gillet, G.; Gojak, D.; Huster, G.; Jung, Y.; Kerber, F.; Kirchbauer, J.-P.; Lizon, J.-L.; Marchetti, E.; Mehran, L.; Meyer, M.; Moorwood, A.; Oberti, S.; Pirard, J.-F.; Paufigue, J.; Pozna, E.; Primas, F.; Schmutzer, R.; Seifahrt, A.; Siebenmorgen, R.; Silber, A.; Smette, A.; Sokar, B.; Stegmeier, J.; Tacconi-Garman, L.; Tordo, S.; Uttenthaler, S.; Weilenmann, U.; 126, 32

Enabling Fringe Tracking at the VLTI; Bonnet, H.; Bauvir, B.; Wallander, A.; Cantzler, M.; Carstens, J.; Caruso, F.; Di Lieto, N.; Guisard, S.; Haguenaue, P.; Housen, N.; Mornhinweg, M.; Nicoud, J.-L.; Ramirez, A.; Sahlmann, J.; Vasisht, G.; Wehner, S.; Zagal, J.; 126, 37

Visible and Infrared Survey Telescope for Astronomy: Progress Report; Emerson, J.; McPherson, A.; Sutherland, W.; 126, 41

The European ALMA Regional Centre: User Support for European Astronomers; Andreani, P.; Zwaan, M.; 126, 43

Reports from Observers

In Search of Terrestrial Planets in the Habitable Zone of M Dwarfs; Kürster, M.; Endl, M.; Rodler, F.; 123, 21

Low-Mass Exoplanet Found Using Microlensing (based on ESO Press Release 03/06); 123, 24

Direct Imaging of Sub-Stellar Companions around Young Stars – Special Case: GQ Lup A + b; Neuhäuser, R.; Mugrauer, M.; Guenther, E.; 123, 25

The Formation and Early Evolution of Massive Stars; Henning, T.; Feldt, M.; Linz, H.; Puga Antolin, E.; Stecklum, B.; 123, 28

The Dwarf galaxy Abundances and Radial-velocities Team (DART) Large Programme – A Close Look at Nearby Galaxies; Tolstoy, E.; Hill, V.; Irwin, M.; Helmi, A.; Battaglia, G.; Letarte, B.; Venn, K.; Jablonka, P.; Shetrone, M.; Arimoto, N.; Abel, T.; Primas, F.; Kaufer, A.; Szeifert, T.; Francois, P.; Sadakane, K.; 123, 33

The Age-Metallicity Degeneracy in the Dwarf Spheroidal Carina as Seen by FLAMES; Koch, A.; Grebel, E. K.; Wyse, R. F. G.; Kleyna, J. T.; Wilkinson, M. I.; Harbeck, D. R.; Gilmore, G. F.; Wyn Evans, N.; 123, 38

The Formation of Intermediate-Mass Galaxies over the Last 8 Gyrs; Hammer, F.; Lehnert, M.; Puech, M.; Flores, H.; Liang, Y.-C.; 123, 41

Masses and Mass-to-Light Ratios of Early-Type Galaxies at High Redshift – The Impact of Ultra-deep FORS2 Spectroscopy; van der Wel, A.; Franx, M.; van Dokkum, P. G.; Rix, H.-W.; Illingworth, G. D.; Huang, J.; Holden, B. P.; Rosati, P.; 123, 45

Unveiling the Structure of Galaxy Clusters with Combined ESO-VLT, WFI, and XMM-Newton Observations; Böhringer, H.; Braglia, F.; Pierini, D.; Biviano, A.; Schuecker, P.; Zhang, Y.-Y.; Finoguenov, A.; Pratt, G. W.; Quintana, H.; Lynam, P. D.; 123, 49

Gamma-Ray Bursts: Learning about the Birth of Black Holes and Opening new Frontiers for Cosmology; Chincarini, G.; Fiore, F.; Della Valle, M.; Antonelli, A.; Campana, S.; Covino, S.; Cusumano, G.; Giommi, P.; Malesani, D.; Mirabel, F.; Moretti, A.; Romano, P.; Stella, L.; Tagliaferri, G.; 123, 54

The Compact Discs of Post-AGB stars; Zijlstra, A.; Lagadec, E.; Matsuura, M.; Chesneau, O.; Etoka, S.; 124, 21

Probing the Dark Matter Content of Local Group Dwarf Spheroidal Galaxies with FLAMES; Wilkinson, M. I.; Kleyna, J. T.; Gilmore, G. F.; Evans, N. W.; Koch, A.; Grebel, E. K.; Wyse, R. F. G.; Harbeck, D. R.; 124, 25

A Three-Planet Extrasolar System (based on ESO Press Release 18/06); 124, 29

The Shapley Supercluster: the Largest Matter Concentration in the Local Universe; Proust, D.; Quintana, H.; Carrasco, E. R.; Reisenegger, A.; Slezak, E.; Muriel, H.; Dünner, R.; Sodré Jr., L.; Drinkwater, M. J.; Parker, Q. A.; Ragone, C. J.; 124, 30

The Host Galaxies of the Brightest Quasars: Gas-Rich Galaxies, Mergers, and Young Stars; Courbin, F.; Letawe, G.; Meylan, G.; Magain, P.; Jablonka, P.; Jahnke, K.; Wisotzki, L.; Letawe, Y.; North, P.; 124, 32

- The Galactic Centre: The Flare Activity of SgrA* and High-Resolution Explorations of Dusty Stars; Eckart, A.; Schödel, R.; Meyer, L.; Muzić, K.; Pott, J.-U.; Moutaka, J.; Straubmeier, C.; Dovciak, M.; Karas, V.; Genzel, R.; Ott, T.; Trippe, S.; Najarro, F.; Morris, M.; Baganoff, F.; 125, 2
- New Abundances for Old Stars – Atomic Diffusion at Work in NGC 6397; Korn, A.; Grundahl, F.; Richard, O.; Barklem, P.; Mashonkina, L.; Collet, R.; Piskunov, N.; Gustafsson, B.; 125, 6
- VLT Image of Globular Cluster 47 Tuc (based on ESO Press Photo 20/06); 125, 10
- The SINS Survey: Rotation Curves and Dynamical Evolution of Distant Galaxies with SINFONI; Förster Schreiber, N. M.; Genzel, R.; Eisenhauer, F.; Lehnert, M. D.; Tacconi, L. J.; Nesvadba, N.; Bouché, N.; Davies, R.; Lutz, D.; Verma, A.; Cimatti, A.; Erb, D. K.; Shapley, A. E.; Steidel, C. C.; Daddi, E.; Renzini, A.; Kong, X.; Arimoto, N.; Mignoli, M.; Abuter, R.; Gillessen, S.; Sternberg, A.; Gilbert, A.; 125, 11
- The Evolution of Galaxies in the FORS Deep and GOODS-S Fields; Drory, N.; Bender, R.; Feulner, G.; Gabasch, A.; Hopp, U.; Noll, S.; Pannella, M.; Saglia, R. P.; Salvato, M.; 125, 15
- A Supernova in an Interacting Pair of Galaxies (based on ESO Press Photo 22/06); 125, 19
- Searching for the First Galaxies through Gravitational Lenses; Schaerer, D.; Pelló, R.; Richard, J.; Egami, E.; Hempel, A.; Le Borgne, J.-F.; Kneib, J.-P.; Wise, M.; Boone, F.; Combes, F.; 125, 20
- VLT Images of a Disintegrating Comet (from ESO Press Photo 15/06); 125, 23
- Transverse and Longitudinal Correlation Functions in the Intergalactic Medium; Coppolani, F.; Petitjean, P.; Stoehr, F.; Rollinde, E.; Pichon, C.; Colombi, S.; Haehnelt, M. G.; Carswell, B.; Teyssier, R.; 125, 24
- Extrasolar Planets and Brown Dwarfs: A Flurry of Results; 125, 27
- Mapping the Properties of SDSS Galaxies with the VIMOS IFU; Gerssen, J.; Christensen, L.; Wilman, D.; Bower R.; 126, 2
- The ARAUCARIA Project – First Observations of Blue Supergiants in NGC 3109; Evans, C.; Bresolin, F.; Urbaneja, M.; Pietrzyński, G.; Gieren, W.; Kudritzki, R.-P.; 126, 5
- Early Science Results from the UKIDSS ESO Public Survey; Warren, S.; Lawrence, A.; Almaini, O.; Cirasuolo, M.; Foucaud, S.; Hambly, N.; Hewett, P.; Jameson, R.; Leggett, S.; Lodieu, N.; Lucas, P.; McLure, R.; McMahon, R.; Mortlock, D.; Pinfield, D.; Venemans, B.; 126, 7
- Starburst Galaxies Under the Microscope: High-Resolution Observations with VISIR and SINFONI; van der Werf, P. P.; Sijnders, L.; Vermaas, L.; Reunanen, J.; Hamelink, M.; 126, 11
- The Short Gamma-Ray Burst Revolution; Hjorth, J.; Levan, A.; Tanvir, N.; Starling, R.; Klose, S.; Kouveliotou, C.; Féron, C.; Ferrero, P.; Fruchter, A.; Fynbo, J.; Gorosabel, J.; Jakobsson, P.; Kann, D. A.; Pedersen, K.; Ramirez-Ruiz, E.; Sollerman, J.; Thöne, C.; Watson, D.; Wiersema, K.; Xu, D.; 126, 16
- Probing the Universe Using a Mostly Virtual Survey: The Garching-Bonn Deep Survey; Hettterscheidt, M.; Simon, P.; Erben, T.; Schneider, P.; Schirmer, M.; Dietrich, J. P.; Hildebrandt, H.; Cordes, O.; Schrabback, T.; Habermann, L.; Schmuthuesen, O.; Trachternach, C.; Wolf, C.; Meisenheimer, K.; Micol, A.; Pierfederici, F.; 126, 19
- Burst or Bust: ISAAC at Antu Sets New Standards with Lunar Occultations; Richichi, A.; Fors, O.; Mason, E.; Stegmeier, J.; 126, 24
- Measuring the Masses of Neutron Stars; Kaper, L.; van der Meer, A.; van Kerkwijk, M.; van den Heuvel, E.; 126, 27
- Other Astronomical News**
- The ALMA-Herschel Synergies; Andreani, P.; Wilson, T.; 123, 59
- ESO at AAAS; Madsen, C.; 123, 61
- Latin American Summer School: A Key Event for Future Astronomers; Argandoña, G.; Mirabel, F.; 123, 62
- Report on the Conference on Groups of Galaxies in the Nearby Universe; Saviane, I.; Ivanov, V. D.; Borissova, J.; 123, 63
- Fellows at ESO: Gaël Chauvin, Emmanuel Galliano; 123, 66
- Science in School launched; 123, 66
- André B. Muller (25.9.1918–1.4.2006); West, R. M.; 124, 37
- Finnish Parliamentary Committee at ESO Headquarters; Madsen, C.; 124, 38
- Report on the ESO-FONDAP Conference on Globular Clusters – Guides to Galaxies; Richtler, T.; Larsen, S. S.; 124, 39
- Fellows at ESO: Andreas Lundgren, Vincent Reveret; 124, 41
- Walloon Space Days; Madsen, C.; 124, 42
- Schoolchildren Worldwide Compete to "Catch a Star!"; Pierce-Price, D.; 124, 43
- A Solar Eclipse Expedition to Turkey; Uttenthaler, S.; 124, 44
- The ESO-ESA Working Group on Fundamental Cosmology; Peacock, J.; Schneider, P.; 125, 48
- Report on the XXVth IAU General Assembly; Shaver, P.; 125, 51
- Report on the Conference on Library and Information Services in Astronomy: LISA V; Grothkopf, U.; 125, 53
- New ALMA Site Museum Preserves Valuable Local Culture; Argandoña, G.; Mirabel, F.; 125, 55
- ESO-Chile Fund for Astronomy: 10 Years of Productive Scientific Collaboration; Argandoña, G.; Mirabel, F.; 125, 56
- Fellows at ESO: Rubina Kotak; 125, 58
- Corrigendum; 125, 58
- Report on the Workshop on Deep Impact as a World Observatory Event; Käufel, H. U.; Sterken, C.; 126, 48
- Around and about "Europe's Quest for the Universe"; Swings, J.-P.; 126, 49
- Open House at the ESO Headquarters; Madsen, C.; 126, 50
- Report on the NEON Observing Schools 2006; Dennefeld, M.; Kuntschner, H.; 126, 52
- Report on the Meeting on Science with ALMA: a New Era for Astrophysics; Andreani, P.; Zwaan, M.; Laing, R.; 126, 53
- Prestigious NASA Award for ST-ECF (ESO/ESA) Scientists; 126, 54
- Fellows at ESO: Dominique Naef; 126, 55
- Announcements**
- The UKIDSS Early Data Release; Warren, S.; Dye, S.; Hambly, N.; on behalf of the UKIDSS consortium; 123, 67
- Scisoft VI; Hook, R. and the Scisoft Team; 123, 69
- Workshop on Deep Impact as a World Observatory Event – Synergies in Space, Time, and Wavelength; 123, 69
- MPA/ESO/MPE/USM Joint Astronomy Conference on Heating versus Cooling in Galaxies and Clusters of Galaxies; 123, 70
- Conference on Precision Spectroscopy in Astrophysics; 123, 70
- Science on Stage 2; 123, 71
- Euroscience Open Forum – ESOF2006; 123, 71
- ESO Studentship Programme; 123, 72
- ESO Vacancies: Senior Astronomer/Director of the La Silla Paranal Observatory, Associate Director; 123, 73
- ESO Vacancies: Instrument Scientist, Front End Production Engineer, Software Engineers; 123, 74
- Personnel Movements; 123, 75
- List of Proceedings from the ESO Astrophysics Symposia; 123, 75
- 2007 ESO Instrument Calibration Workshop; 124, 45
- Towards the European Extremely Large Telescope; 124, 45
- ESO Fellowship Programme 2006/2007; 124, 46
- Personnel Movements; 124, 47
- List of Proceedings from the ESO Astrophysics Symposia; 124, 47
- ESO Vacancy: Operations Staff Astronomer; 125, 59
- Personnel Movements; 125, 59
- Helping to Build ASTRONET Science Vision: A Unique Opportunity to Contribute to the European Astronomical Scientific Strategy for the Next 20 Years; Monnet, G.; 126, 56
- ESO Workshop on Observing Planetary Systems; 126, 57
- Conference on Obscured AGN Across Cosmic Time; 126, 57
- ESO Workshop on Science with the VLT in the ELT Era; 126, 58
- ESO Vacancy: International Cooperation Scientist; 126, 58
- Personnel Movements; 126, 59
- New Editor; 126, 5