

## 6 Elenco pubblicazioni 2001

### A) Lavori pubblicati

#### Riviste con referee (lavori pubblicati)

D.M. Alexander, F. La Franca, F. Fiore, X. Barcons, P. Ciliegi, L. Danese, R. Della Ceca, A. Franceschini, C. Gruppioni, G. Matt, S. Oliver, F. Pompilio, A. Wolter, A. Efstathiou, G.C. Perola, M. Perri, D. Rigopoulou, M. Rowan-Robinson, S. Serjeant (2001), *The European Large Area ISO Survey V: a BeppoSAX hard X-ray Survey of the S1 Region*, ApJ, **554**, 18

D. Alloin, E. Galliano, J. Cuby, O. Marco, D. Rouan, Y. Clénet, G.L. Granato, A. Franceschini (2001), *Kinematics of molecular gas in the nucleus of NGC 1068 from H<sub>2</sub> line emission observed with VLT*, A&A, **369**, L33

C. Baccigalupi, C. Burigana, F. Perrotta, G. De Zotti, L. La Porta, D. Maino, M. Maris, R. Paladini (2001), *Power spectrum of the polarized diffuse Galactic radio emission*, A&A, **372**, 8

A. Balbi, C. Baccigalupi, S. Matarrese, F. Perrotta, N. Vittorio (2001), *Implications for quintessence models from MAXIMA-1 and BOOMERANG-98*, ApJ, **547**, L89

G. Barbaro, P. Mazzei, L. Morbidelli, P. Patriarchi, M. Perinotto (2001), *Classification and properties of UV extinction curves*, A&A **365**, 157

L. Benacchio (2001), *Using the Network for Education and Outreach in Astronomy*, IJMPC, **12/4**, 505

S. Benetti, M. Turatto, S. Balberg, L. Zampieri, S.L. Shapiro, E. Cappellaro, K. Nomoto, T. Nakamura, P. Mazzali, F. Patat (2001), *The fading of supernova 1997D*, MNRAS, **322**, 361

G. Bertelli, E. Nasi (2001), *Star formation history in the solar vicinity*, AJ, **121**, 1013

D. Bettoni, R. Falomo, G. Fasano, F. Govoni, M. Salvo, R. Scarpa (2001), *The Fundamental Plane of Radio Galaxies*, A&A, **380**, 471

D. Bettoni, G. Galletta (2001), *Radial velocities of giant M stars near the ecliptic*, A&A, **358**, 593

D. Bettoni, G. Galletta, F. Prada (2001), *The Visible Environment of galaxies with counterrotation*, A&A, **374**, 83

D. Bettoni, G. Galletta, S. Garcia-Burillo, A. Rodriguez-Franco (2001), *The gas content of peculiar galaxies: counterrotators and polar rings*, A&A, **374**, 421

F. Bortoletto (2001), *The commissioning of the TNG telescope*, NewAR, **45/1-2**, 37

A. Bragaglia, E. Carretta, R.G. Gratton, G. Clementini, L. di Fabrizio (2001), *Metallicities for double mode RR Lyrae in the Large Magellanic Cloud*, AJ, **122**, 207

A. Bragaglia, E. Carretta, R.G. Gratton, M. Tosi, G. Bonanno, P. Bruno, A. Calì, R. Claudi, R. Cozzani, S. Desidera, G. Farisato, M. Rebeschini, S. Scuderi (2001), *Metal abundances of red clump stars in open clusters: I. NGC 6819*, AJ, **121**, 327

A. Bressan, H. Aussel, G.L. Granato, G. Rodighiero, P. Panuzzo, L. Silva (2001), *Mid Infrared Colors of Early Type Galaxies*, Ap&SS, **277**, 251

E. Cappellaro, F. Patat, P.A. Mazzali, S. Benetti, I.J. Danziger, A. Pastorello, L. Rizzi, M. Salvo, M. Turatto (2001), *Detection of a light echo from SN 1998bu*, ApJ, **549**, L215

E. Cappellaro, F. Sabbadin, S. Benetti, M. Turatto (2001), *New planetary nebulae towards the galactic center*, A&A, **377**, 1035

G. Carraro, S.M. Hassan, S. Ortolani, A. Vallenari (2001), *An optical and near IR study of the old open cluster NGC 2141*, A&A, **372**, 879

E. Carretta, J.G. Cohen, R.G. Gratton, B.B. Behr (2001), *An Abundance Analysis of Four Red Horizontal Branch Stars in the Extremely Metal Rich Globular Cluster NGC 6528*, AJ, **122**, 1469

F. Castelli, U. Munari (2001), *High resolution spectroscopy over  $\lambda\lambda$  8500-8750 Å for GAIA. III. A library of synthetic spectra for  $7750 \leq T_{eff} \leq 50000$  K*, A&A, **366**, 1003

A. Clocchiatti, N.B. Suntzeff, M.M. Phillips, A.V. Filippenko, M. Turatto, S. Benetti, E. Cappellaro, R. Aviles, R. Covarrubias, K. DeGioia-Eastwood, M. Dickinson, C. Gouiffes, P. Guhathakurta, M. Hamuy, S.R. Heatcote, B. Leibundgut, T. Matheson, M. Navarrete, M. Perez, A. Phillips, A. Piemonte, M.T. Ruiz, J.C. Shields, C. Smith, H. Spinrad, C.R. Sturch, J.A. Tyson, L. Wells (2001), *The Type Ic SN 1990B in NGC 4568*, ApJ, **553**, 886

R.L.M. Corradi, M. Livio, B. Balick, U. Munari, H.E. Schwarz (2001), *The Southern Crab from a new perspective*, ApJ, **553**, 211

R.L.M. Corradi, U. Munari, M. Livio, A. Mampaso, R.D. Gonçalves, H.E. Schwarz (2001), *The Mass loss history of CH Cygni*, ApJ, **560**, 912

A. Curir, P. Mazzei (2001), *The  $a/m$  ratio of the baryonic matter and the black holes demography in galaxies*, NewA, **6/4**, 239

E. Diolaiti, R. Ragazzoni, M. Tordi (2001), *Closed loop performance of a layer-oriented multi-conjugate adaptive optics system*, A&A, **372**, 710

R. Falomo, J. Kotilainen, A. Treves (2001), *Near-IR observations of the host galaxies of three radio loud quasars at  $z \sim 1.5$* , ApJ, **547**, 124

G. Fasano, B.M. Poggianti, W.J. Couch, D. Bettoni, P. Kjaergaard, M. Moles (2001), *Evolution of galaxy morphologies in clusters*, Ap&SS, **277**, 417

G.L. Granato, L. Silva, L. Danese, G. Rodighiero, A. Franceschini, G. Fasano, A. Bressan (2001), *New photometric models of galactic evolution applied to the HDF*, Ap&SS, **276/2**, 973

G.L. Granato, L. Silva, P. Monaco, P. Panuzzo, P. Salucci, G. De Zotti, L. Danese (2001), *Joint formation of QSOs and spheroids: QSOs as clocks of star formation in spheroids*, MNRAS, **324**, 757

R.G. Gratton, G. Bonanno, R.U. Claudi, R. Cosentino, S. Desidera, S. Lucatello, S. Scuderi (2001), *Non-interacting main-sequence binaries with different chemical compositions: evidences of infall of rocky material?*, A&A, **377**, 123

R.G. Gratton, P. Bonifacio, A. Bragaglia, E. Carretta, V. Castellani, M. Centurion, A. Chieffi, R. Claudi, G. Clementini, F. D'Antona, S. Desidera, P. François, F. Grundahl, S. Lucatello, P. Molaro, L. Pasquini, C. Sneden, F. Spite, O. Straniero (2001), *The O-Na and Mg-Al anticorrelations in turn-off and early subgiants in globular clusters*, A&A, **369**, 87

C. Gruppioni, S. Oliver, S. Serjeant (2001), *The Nature of the Faint Radio Source Population and Star Formation History derived from sub-mJy Surveys*, Ap&SS, **276**, 791

E.V. Held, G. Clementini, L. Rizzi, Y. Momany, I. Saviane, L. Di Fabrizio (2001), *RR Lyrae variables in the dwarf spheroidal galaxy Leo I*, ApJ, **562**, L39

A. Henden, U. Munari (2001), *UBV(RI)<sub>C</sub> photometric comparison sequences for symbiotic stars. II*, A&A, **372**, 145

E.A. Kolotilov, I. Mikolajewska, P.M. Marrese, U. Munari, S.Yu. Shugarov, B.F. Yudin (2001), *The lightcurve of the symbiotic star AS 338 in 1999*, AstL, **27**, 51

Y. Krongold, D. Dultzin-Hacyan, P. Marziani (2001), *Host Galaxies and Circum-Galactic Environment of Narrow Line Seyfert 1 Nuclei*, AJ, **121**, 702

- C. Lari, F. Pozzi, C. Gruppioni, H. Aussel, P. Ciliegi, L. Danese, A. Franceschini, S. Oliver, M. Rowan–Robinson, S. Serjeant (2001), *A New Method for ISOCAM Data Reduction – I. Application to the European Large Area ISO Survey Southern Field: Method and Results*, MNRAS, **325**, 1173
- D. Lutz, J.S. Dunlop, O. Almaini, P. Andreani, A. Blain, A. Efstathiou, M. Fox, R. Genzel, G. Hasinger, D. Hughes, R.J. Ivison, A. Lawrence, R.G. Mann, S. Oliver, J.A. Peacock, D. Rigopoulou, M. Rowan-Robinson, S. Scott, S. Serjeant, L. Tacconi (2001), *The extended counterpart of submm source Lockman 850.1*, A&A, **378**, 70
- M. Magliocchetti, L. Moscardini, P. Panuzzo, G.L. Granato, G. De Zotti, L. Danese (2001), *Theoretical predictions on the clustering of SCUBA galaxies and implications for small-scale fluctuations at sub-mm wavelengths*, MNRAS, **325**, 1553
- F. Mannucci, F. Basile, B.M. Poggianti, A. Cimatti, E. Daddi, L. Pozzetti, L. Vanzi (2001), *Near-infrared template spectra of normal galaxies: k-corrections, galaxy models and stellar populations*, MNRAS, **326**, 745
- M. Maris, G. Carraro, G. Cremonese, M. Fulle (2001), *Multicolor photometry of the Uranus irregular satellites Sycorax and Caliban*, AJ, **121**, 2800
- P. Marziani, J. W. Sulentic, T. Zwitter, D. Dultzin-Hacyan, M. Calvani (2001), *Searching for the Physical Drivers of the Eigenvector 1 Parameter Space*, ApJ, **558**, 553
- N. Masetti, E. Palazzi, E. Pian, F. Mannucci, L.A. Antonelli, A. Di Paola, P. Saracco, L. Amati, C. Bartolini, S. Bernabei, D. Bettoni, S. Covino, S. Desidera, S. Di Serego, R. Falomo, F. Frontera, F. Ghinassi, A. Guarnieri, A. Magazzú, R. Maiolino, M. Mignoli, L. Nicastro, M. Pedani, A. Guarnieri, B.M. Poggianti, S. Savaglio, G. Valentini, A. Zacchei (2001), *GRB010222: afterglow emission in a rapidly decelerating jet*, A&A, **374**, 382
- P.A. Mazzali, K. Nomoto, E. Cappellaro, T. Nakamura, H. Umeda, K. Iwamoto (2001), *Can differences in the nickel abundance in Chandrasekhar mass models explain the relation between brightness and decline rate of normal Type Ia Supernovae?*, ApJ, **547**, 988
- P. Mazzei, H. Aussel, C. Xu, M. Salvo, G. De Zotti, A. Franceschini (2001), *Isocam observations of the deep IRAS 60 micron sample in the NEP region II. Comparison of ISO and IRAS galaxy counts*, NewA, **6/5**, 265
- P. Mazzei, A. Curir (2001), *Star formation onset in baryonic disks: the role of a triaxial halo*, A&A, **372**, 803
- B. Mobasher, T.J. Bridges, D. Carter, B.M. Poggianti, M. Doi, M. Iye, N. Kashikawa, Y. Komiyama, S. Okamura, M. Sekiguchi, K. Shimasaku, M. Yagi, N. Yasuda (2001), *A photometric and spectroscopic study of galaxies in the Coma cluster - II Spectroscopic observations*, ApJS, **137**, 279
- U. Munari, P. Agnolin, L. Tomasella (2001), *On the accuracy of GAIA radial velocities*, BaltA, **10**, 613
- U. Munari, R. Jurđana-vSepić, D. Moro (2001), *Symbiotic stars on Asiago archive plates*, A&A, **370**, 503
- U. Munari, T. Tomov, B.F. Yudin, P.M. Marrese, T. Zwitter, R. Gratton, G. Bonanno, P. Bruno, A. Cali, R.U. Claudi, R. Cosentino, S. Desidera, G. Farisato, G. Martorana, G. Marino, M. Rebeschini, S. Scuderi, M.C. Timpanaro (2001), *Discovery of a bipolar and highly variable mass outflow from the symbiotic binary StH $\alpha$  190*, A&A, **369**, L1
- U. Munari, T. Tomov, T. Zwitter, J. Kallrath, E. Milone, P. Marrese, F. Boschi, A. Prvsa, L. Tomasella, D. Moro (2001), *Evaluating GAIA performances on eclipsing binaries. I. Orbits and fundamental stellar parameters for V505 Per, V570 Per and OO Peg*, A&A, **378**, 477

- H. Navasardyan, A.R. Petrosian, M. Turatto, E. Cappellaro, J. Boulesteix (2001), *Supernovae in isolated galaxies, in pairs and in groups of galaxies*, MNRAS, **328**, 1181
- I. Neguerela, A.T. Okazaki, J. Fabregat, M.J. Coe, U. Munari, T. Tomov (2001), *The Be/X-ray transient 4U 0115+63/V635 Cas. II. Outburst mechanisms*, A&A, **369**, 117
- L. Nobili, T. Belloni, R. Turolla, L. Zampieri (2001), *Comptonization and Phase Lag Correlations in GRS 1915+105*, Ap&SS, **276**, 217
- F. Patat, E. Cappellaro, I.J. Danziger, P.A. Mazzali, J. Sollerman, T. Augusteijn, J. Brewer, V. Doublier, J.F. Gonzales, O. Hainaut, C. Lidman, B. Leibundgut, K. Nomoto, J. Spyromilio, L. Rizzi, M. Turatto, J. Walsh, T.J. Galama, J. van Paradijs, C. Kouveliotou, P.M. Vreeswijk, F. Frontera, N. Masetti, E. Palazzi, E. Pian (2001), *The metamorphosis of SN 1998bw*, ApJ, **555**, 900
- F. Perrotta, C. Baccigalupi, M. Bartelmann, G. De Zotti, G.L. Granato (2002), *Gravitational lensing of extended high-redshift sources by dark matter halos*, MNRAS, **329**, 445
- L. Pigatto, V. Zanini (2001), *Spectroscopic observations of the 1874 transit of Venus: the Italian party at Muddapur, east India*, JAHH, **4**, 43
- E. Pignatelli, G. Fasano (2001), *Morphological classification of high redshift galaxies*, Ap&SS, **277**, 561
- B.M. Poggianti, A. Bressan, A. Franceschini (2001), *Star formation and selective dust extinction in luminous starburst galaxies*, ApJ, **550**, 195
- B.M. Poggianti, T.J. Bridges, D. Carter, B. Mobasher, M. Doi, M. Iye, N. Kashikawa, Y. Komiyama, S. Okamura, M. Sekiguchi, K. Shimasaku, M. Yagi, N. Yasuda (2001), *Ages of S0 and elliptical galaxies in the Coma cluster*, ApJ, **563**, 118
- B.M. Poggianti, T.J. Bridges, B. Mobasher, D. Carter, M. Doi, M. Iye, N. Kashikawa, Y. Komiyama, S. Okamura, M. Sekiguchi, K. Shimasaku, M. Yagi, N. Yasuda, N. (2001), *A photometric and spectroscopic study of galaxies in the Coma cluster - III Ages and metallicities*, ApJ, **562**, 689
- R. Ragazzoni, E. Cappellaro, S. Benetti, M. Turatto, F. Sabbadin (2001), *3-D ionization structure (in stereoscopic view) of planetary nebulae: the case of NGC 1501*, A&A, **369**, 1088
- R. Ragazzoni, M. Tordi, E. Diolaiti (2001), *A fixed plate to remove spherical aberration in Rayleigh laser guide stars*, OptCo, **194**, 243
- R. Ragazzoni, M. Tordi, E. Diolaiti, D. Kirkman (2001), *A z-invariant Rayleigh beacon wavefront sensor*, MNRAS, **327**, 949
- G. Rodighiero, A. Franceschini, G. Fasano (2001), *Deep Hubble Space Telescope imaging surveys and the formation of spheroidal galaxies*, MNRAS, **324**, 491
- H. Roussel, L. Vigroux, A. Bosma, M. Sauvage, C. Bonoli, P. Gallais, T. Hawarden, S. Madden, P. Mazzei, L. Lequex (2001), *An atlas of mid-infrared dust emission in spiral galaxies*, A&A, **369**, 473
- H. Roussel, L. Vigroux, M. Sauvage, A. Bosma, C. Bonoli, P. Gallais, T. Hawarden, S. Madden, P. Mazzei, L. Lequex (2001), *The impact of bars on the mid-infrared dust emission of spiral galaxies*, A&A, **372**, 406
- M.E. Salvo, E. Cappellaro, P. Mazzali, S. Benetti, I.J. Danziger, F. Patat, M. Turatto (2001), *The template type Ia Supernova 1996X*, MNRAS, **321**, 254
- R. Sagar, U. Munari, K.S. de Boer (2001), *Multicolour CCD Photometric and Mass function study of the Distant Southern Open Star Clusters NGC 3105, NGC 3603, Melotte 105, Hogg 15, NGC 4815, Pismis 20 and NGC 6253*, MNRAS, **327**, 23
- S. Serjeant, A. Efstathiou, S. Oliver, C. Surace, P. Heraudeau, M. Linden-Voernle, C. Gruppioni, F. La Franca, D. Rigopoulou, T. Morel, H. Crockett, T. Sumner, M. Rowan-Robinson, M. Graham (2001),

The European Large Area ISO Survey IV: the preliminary 90  $\mu$ m luminosity function, MNRAS, **322**, 262

E. Szuszkiewicz, R. Turolla, L. Zampieri (2001), *Spectra of Thermally Unstable Slim Discs*, Ap&SS, **276**, 165

C. Tappert, J.R. Thorstensen, W.H. Fenton, N. Bennert, L. Schmidtobreick, A. Bianchini (2001), *The cataclysmic variable CW 1045+525: A secondary-dominated dwarf nova?*, A&A, **380**, 533

A.A. Tatarskaya, V.F. Esipov, E.A. Kolotilov, J. Mikolajewska, U. Munari, S.Y. Shugarov (2001), *Spectrophotometry of the classical symbiotic star YY Her during its return to quiescence*, A&A, **27**, 703

C. Travaglio, R. Gallino, M. Busso, R. Gratton (2001), *Pb: AGB production and Galactic chemical evolution*, ApJ, **549**, 346

A. Vallenari, S. Ortolani (2001), *The field population towards the globular cluster NGC 6553*, A&A, **380**, L35

P. Ventura, F. D'Antona, I. Mazzitelli, R.G. Gratton (2001), *Predictions for selfpollution in globular cluster stars*, ApJ, **550**, 65

S. Verani, C. Barbieri, C.R. Benn, G. Cremonese, M. Mendillo (2001), *Quadrantids and the lunar atmosphere*, MNRAS, **327**, 244

R. Vio, P. Andreani, W. Wamsteker (2001), *Numerical Simulation of Non-Gaussian Random Fields with Prescribed Correlation Structure*, PASP, **113/786**, 1009

L. Zampieri, S. Campana, R. Turolla, M. Chierigato, R. Falomo, D. Fugazza, A. Moretti, A. Treves (2001), *IRXS J214303.7+065419/RBS 1774: A new isolated neutron star candidate*, A&A, **378**, L5

L. Zampieri, R. Turolla, E. Szuszkiewicz (2001), *Spectral variability in transonic discs around black holes*, MNRAS, **325**, 1266

M. Zoccali, A. Renzini, S. Ortolani, A. Bragaglia, R. Bohlin, E. Carretta, F.R. Ferraro, R. Gilmozzi, J.B. Holberg, G. Marconi, R.M. Rich, F. Wesemael (2001), *The Distance of the Globular Cluster 47 Tucanae via the White Dwarfs Cooling Sequence*, ApJ, **553**, 733

### **Rapporti invitati a congressi (pubblicati)**

F. Bortoletto, S. Benetti, G. Bonanno, C. Bonoli, P. Bruno, C. Carmona, P. Conconi, L. Corcione, R. Cosentino, M. D'Alessandro, R. Dominguez, D. Fantinel, A. Galli, D. Gardiol, A. Ghedina, F. Ghinassi, E. Giro, C. Gonzales, M. Gonzales, J. Guerra, A. Magazzù, D. Mancini, E. Marchetti, J. Medina, F. Pasian, F. Paulli, C. Pernechele, M. Pucillo, R. Ragazzoni, C. Riverol, P. Schipani, R. Smareglia, G. Tessicini, G. Trancho, C. Vuerli, A. Zacchei (2001), *The Commissioning Phase*, in Proceedings of the Conference organized by CNAA and INAF, "Scientific Dedication of the Telescopio Nazionale Galileo", Santa Cruz de La Palma, 3–5 November 2000, Eds. M. Rodonò and G. Setti, Special Publication by CNAA, p. 22

E. Cappellaro, M. Turatto (2001) *Supernova types and rates*, in "The effect of binaries on stellar population studies", Ed. D. Vanbeveren, ASSL series, **264**, Kluwer Academic Publishers, p. 199

S. Correia, M. Carillet, L. Fini, P. Boccacci, M. Bertero, A. Vallenari, A. Richichi, M. Barbati (2001), *AIRY: Astronomical Image Restoration in interferometrY*, Astronomical Data Analysis Software and Systems X, ASP Conf. Proceedings, **238**, p. 404

G. Cremonese, S. Verani (2001), *Exospheric gas properties through Wide Angle Camera*, ESA Be-piColombo/Mercury Planetary Orbiter Neutral Particle Analyzer Meeting, Venezia

P. Marziani, D. Dultzin-Hacyan, Y. Krongold, M. D' Onofrio (2001), *Evidence of Cross Fueling in Active Galaxies*, in "The Central Kiloparsec of Starbursts and AGN: The La Palma Connection", ASP Conf. Ser., **249**, Eds. J.H. Knapen, J.E. Beckman, I. Shlosman, and T.J. Mahoney, p. 284

B.M. Poggianti (2001), *Optical spectra of dusty starbursts* in “Starburst Galaxies Near and Far”, Eds. L. Tacconi and D. Lutz, Springer, p. 249

R. Ragazzoni (2001), *Atmospheric Tomography with Multiple Lasers* in “Science with the Large Binocular Telescope”, 24–29 July 2000, Ringberg Castle, Bavaria, Sponsored by the Max-Planck Society and the LBT Beteiligungsgesellschaft”, Ed. T. Herbst, ISBN 3-00-008071-6, p. 13

R. Ragazzoni (2001), *AdOpt@TNG: A Success in Progress*, in Proceedings of the Conference organized by CNAA and INAF “Scientific Dedication of the Telescopio Nazionale Galileo”, Santa Cruz de La Palma, 3–5 November 2000, Eds. M. Rodonò and G. Setti, Special Publication by CNAA, p. 129

A. Vallenari, G. Bertelli, L. Schmidtbreick (2001), *The Galactic Disk at Low Latitudes*, in “Galaxy Disks and Disk Galaxies”, ASP Conf. Ser., **230**, p. 19

### **Rapporti interni, rapporti tecnici**

A. Baruffolo, A. Balestra, C. Cumani, O. Iwert (2001), *Interface Control Document between OmegaCAM Detector Control Software and Instrument Software*, ESO Internal Report VST-SPE-OCM-23100-3561

A. Baruffolo, A. Bortolussi, L. De Pizzol (2001), *OmegaCAM Instrument Software User Requirements*, ESO Internal Report VST-SPE-OCM-23100-3061

A. Baruffolo, A. Bortolussi, L. De Pizzol (2001), *OmegaCAM Instrument Software Functional Specifications*, ESO Internal Report VST-SPE-OCM-23100-3062

A. Baruffolo, A. Bortolussi, L. De Pizzol (2001), *OmegaCAM Observation Software, Software Design Description*, ESO Internal Report VST-SPE-OCM-23100-3064

A. Baruffolo, E. Cascone (2001), *Interface Control Document between OmegaCAM Control Electronics and Instrument Software*, ESO Internal Report VST-SPE-OCM-23100-3562

A. Bortolussi, A. Baruffolo, L. De Pizzol (2001), *OmegaCAM Instrument Control Software, Software Design Description*, ESO Internal Report VST-SPE-OCM-23100-3063

L. De Pizzol, A. Baruffolo, A. Bortolussi (2001), *OmegaCAM Autoguiding and Image Analysis Software, Software Design Description*, ESO Internal Report VST-SPE-OCM-23100-3065

C. Cumani, A. Balestra, A. Baruffolo (2001), *FIERA CCD Controller Software User Manual, 1.3*, ESO Internal Report VLT-MAN-ESO-13640-1388

C. Cumani, A. Balestra, A. Baruffolo (2001), *FIERA CCD Controller Software Maintenance Manual, 1.2*, ESO Internal Report VLT-MAN-ESO-13640-1707

### **Comunicazioni a congressi, altre riviste, circolari IAU**

G. Altavilla, S. Benetti, E. Cappellaro, A. Pastorello, M. Riello, M. Turatto, L. Zampieri, A. Clocchiatti, C. Contreras, I.J. Danziger, P. Mazzali, F. Patat (2001), *Supernovae 2001ge, 2001gf, 2001gg, 2001gh, 2001gi, 2001gj*, IAU n<sup>o</sup> 7762

G. Altavilla, S. Benetti, A. Pastorello, M. Riello, M. Turatto, L. Zampieri, E. Cappellaro, A. Clocchiatti, C. Contreras, I.J. Danziger, P. Mazzali, F. Patat (2001), *Supernovae 2001io and 2001ip*, IAU n<sup>o</sup> 7780

P. Andreani, D. Lutz, A. Poglitsch, R. Genzel (2001), *Simulations of the Far-infrared Sky*, The Promise of the Herschel Space Observatory, Eds. G.L. Pilbratt, J. Cernicharo, A.M. Heras, T. Prusti & R. Harris, ESA-SP 460, p. 101

C. Barbieri, M. Lazzarin, S. Marchi, S. Fornasier, S. Verani, G. Cremonese, R. Ragazzoni, C.R. Benn, M. Dolci, M. Mendillo, J. Baumgardner, S. Chakrabarti, J. Wilson (2001), *LUNAM 2000 (LUNar Atmosphere Mission)*, EGS meeting, March 2001, Nice

C. Barbieri, M. Lazzarin, S. Verani, F. Rampazzi, S. Fornasier, S. Marchi, R. Ragazzoni, G. Cremonese, M. Mendillo, J. Baumgardner, S. Chakrabarti, T. Cook, J. Wilson, M. Dolci, C.R. Benn, A. Romoli, M. Barilli, P. Falciani, R. Paolinetti, G. Preti, G. Borghi, A. Dalla Torre, M. Salvetti, L. Tucci (2001), *LUNAM 2000 (LUNar Atmosphere Mission)*, in “La Scienza e la Tecnologia della Stazione Spaziale Internazionale”, May 2001, Torino

L. Benacchio (2001), *Using the Network for Education and Outreach in Astronomy*, *Astronomical Data Analysis Software and Systems X*, Eds. F. R. Harnden, Jr., F. A. Primini, and H. E. Payne, ASP Conf. Ser., **238**, p. 119

S. Benetti, G. Altavilla, E. Cappellaro, A. Pastorello, M. Turatto, C. Contreras, J. Prieto, A. Clocchiatti, F. Patat (2001), *Supernova 2001ed in NGC 706*, IAUC  $n^{\circ}$  7714

S. Benetti, G. Altavilla, E. Cappellaro, A. Pastorello, M. Turatto, R. Cosentino, A. Zacchei, I.J. Danziger, F. Patat, (2001), *Supernova 2001bg in NGC 2608*, IAUC  $n^{\circ}$  7639

S. Benetti, G. Altavilla, E. Cappellaro, A. Pastorello, M. Turatto, A. Della Valle (2001), *Supernova 2001dr in NGC 4932*, IAUC  $n^{\circ}$  7693

S. Benetti, G. Altavilla, E. Cappellaro, A. Pastorello, M. Turatto, S. Desidera, E. Giro (2001), *Supernova 2001fh in PGC 66592*, IAUC  $n^{\circ}$  7748

S. Benetti, G. Altavilla, E. Cappellaro, A. Pastorello, M. Turatto, J. Pritchard (2001), *Supernova 2001cl in NGC 7260*, IAUC  $n^{\circ}$  7643

S. Benetti, G. Altavilla, A. Pastorello, M. Turatto, S. Desidera, E. Giro, E. Cappellaro (2001), *Supernovae 2001is, 2001it*, IAUC  $n^{\circ}$  7787

S. Benetti, G. Altavilla, A. Pastorello, M. Turatto, S. Desidera, E. Giro, C. Pernechele, A. Bortolussi, E. Cappellaro (2001), *Supernova 2001if near MCG +06-6-43*, IAUC  $n^{\circ}$  7779

Benfante, L., Volpato, A., Baruffolo, A., Benacchio, L. (2001), *The OaPd System for Web Access to Large Astronomical Catalogues*, *Astronomical Data Analysis Software and Systems X*, Eds. F. R. Harnden, Jr., F. A. Primini, and H. E. Payne, ASP Conf. Ser., **238**, p. 160

D. Bettoni, G. Galletta (2001), *Stellar kinematics in two polar-ring galaxies*, in “Galaxy disks and disk galaxies”, Eds. J.G. Funes S.J. and E.M. Corsini, ASP Conf. Ser., **230**, p. 433

D. Bettoni, G. Galletta, M. Moles, I. Marquez, J. Masegosa, J. Varela (2001), *Kinematical properties of a sample of isolated disk galaxies*, in “Galaxy disks and disk galaxies”, Eds. J.G. Funes S.J. and E.M. Corsini, ASP Conf. Ser., **230**, p. 271

A. Bragaglia, M. Tosi, E. Carretta, R.G. Gratton (2001), *Metallicity of old open clusters*, in “Cosmic Evolution”, IAP, Paris, 13-17 November 2000, Eds. E. Vangioni-Flam, R. Ferlet and M. Lemoine, World Scientific, p. 209

A. Cadez, M. Calvani, C. Di Giacomo, P. Marziani (2001), *Deriving the Emissivity Law in Accretion Disks from X-ray Emission Lines*, in “X-Ray Astronomy, Stellar Endpoints, AGN, and the Diffuse X-ray Background”, Bologna, Italy, 6–10 September 1999, Eds. N.E. White, G. Malaguti, G.C.G. Palumbo, American Institute of Physics, p. 534

A. Cadez, M. Calvani (2001), *Variability of the relativistic iron K-line in NGC 3516*, in “X-Ray Astronomy, Stellar Endpoints, AGN, and the Diffuse X-ray Background”, Bologna, Italy, 6–10 September 1999, Eds. N.E. White, G. Malaguti, G.C.G. Palumbo, American Institute of Physics, p. 538

E. Cappellaro, G. Altavilla, S. Benetti, A. Pastorello, M. Turatto, A. Clocchiatti, I.J. Danziger, P. Mazzali, F. Patat (2001), *Supernovae 2001bc, 2001bd, 2001be*, IAUC  $n^{\circ}$  7615

E. Cappellaro, S. Benetti, G. Altavilla, A. Pastorello, M. Turatto, S. Desidera, R. Zamanov (2001), *Supernova 2001ie in UGC 5542*, IAUC  $n^{\circ}$  7776

E. Cappellaro, A. Harutyunyan (2001), *Supernova 2000bq in NGC 5534*, IAUC n<sup>o</sup> 7630

A. Cellino, E. Diolaiti, A. Ghedina, D. Hestroffer, R. Ragazzoni, P. Tanga (2001), *Asteroid Observations Using the Speckle Camera at TNG*, DPS, **33**, 6102

M. Chierigato, L. Zampieri, S. Campana, R. Turolla, R. Falomo, D. Fugazza, A. Moretti, A. Treves, (2001), *RBS 1774: A New Isolated Neutron Star Candidate*, in “The Second National Conference on Astrophysics of Compact Objects”, Bologna, Italy, 19–21 September 2001, p. 6

L. Colangeli, P. Palumbo, C. Barbieri, G. Bellucci, A. Bini, A. Blanco, G. Cremonese, V. Della Corte, S. Fonti, E. Mazzotta Epifani, G. Preti, H. Yano, S. Vergara (2001), *A multicolor imaging system for the BepiColombo Mercury lander*, Workshop on “Mercury: Space environment, Surface, and Interior”, October 2001, Chicago

G. Cremonese, C. Burigana, M. Fulle, M. Maris, F. Marzari, P. Palumbo (2001), *Solar System bodies*, Planck Workshop, February 2001, Estec

G. Cremonese, R. Ragazzoni, C. Barbieri, M. Lazzarin, S. Fornasier, S. Verani, F. Marzari, G. Naletto, A. Caporali, V. Achilli, G. Salemi, F. Capaccioni, M.T. Capria, L. Colangeli, P. Palumbo, L. Marinangeli (2001), *Wide Angle Camera for BepiColombo*, EGS meeting, March 2001, Nice

G. Cremonese, V. Achilli, C. Barbieri, A. Caporali, M.T. Capria, L. Colangeli, G. Forlani, S. Fornasier, M. Lazzarin, F. Marzari, L. Marinangeli, G. Naletto, P. Palumbo, R. Ragazzoni, G. Salemi, S. Verani (2001), *A Wide Angle Camera for Bepi Colombo*, Workshop on “Mercury: Space Environment, Surface, and Interior”, Chicago, 4–5 October 2001, no. 8023

A. Curir, P. Mazzei (2001), *Barred Galaxies: Dynamical and Chemo–photometric evolution*, in “Galaxy Disk and Disk Galaxies”, Eds. J.G. Funes and E.M. Corsini, ASP Conf. Ser., **230**, ASP, ISBN 1-58381-063-3, p. 351

L. Foschini, L. Zampieri, R. Turolla, A. Treves (2001), *Charged Particle Acceleration in a Plasma Hit by a Radiation Flash*, in “The Second National Conference on Astrophysics of Compact Objects”, Bologna, Italy, 19–21 September 2001, p. 18

R.G. Gratton, P. Bonifacio, A. Bragaglia, E. Carretta, V. Castellani, M. Centurion, A. Chieffi, R. Claudi, G. Clementini, F. D’Antona, S. Desidera, P. François, F. Grundahl, S. Lucatello, P. Molaro, L. Pasquini, C. Sneden, F. Spite, O. Straniero (2001), *The Light Elements in TO and SGB Stars of Two Globular Clusters: Implications for Photometric Age Determinations*, in “Astrophysical Ages and Time Scales”, Eds. T. von Hippel, N. Manset, C. Simpson, ASP Conf. Ser.

R.G. Gratton, ...E. Carretta, ... (2001), *Abundances in turn-off and subgiant stars in globular clusters*, in “Cosmic Evolution”, IAP, Paris, 13-17 November 2000, Eds. E. Vangioni-Flam, R. Ferlet, and M. Lemoine, World Scientific, p. 205

E.V. Held, I. Saviane, Y. Momany, L. Rizzi, G. Bertelli (2001), *Old stellar populations in star-forming dwarf galaxies*, in “The Evolution of Galaxies. I-Observational Clues”, Eds. J.M. Vílchez, G. Stasinska, and E. Pérez, Kluwer, p. 331

E.V. Held, Y. Momany, I. Saviane, L. Rizzi, G. Bertelli (2001), *Halo and disk-like components in nearby dwarf galaxies*, in “Galaxy Disks and Disk Galaxies”, Eds. J. G. Funes, S.J., and E. M. Corsini, ASP Conf. Ser., **230**, ASP, p. 161

A. Henden, U. Munari, B. Sumner (2001), *The identity of XY Psc*, IBVS n<sup>o</sup> 5140

T. Iijima (2001), *Rapid mass transfer in detached binary systems*, in Proceedings of Bormio Conference on “Evolution of Binary and Multiple Star Systems”, ASP Conf. Ser., **229**, p. 403

T. Iijima (2001), *Spectral Variations of the Peculiar Symbiotic Star MWC 560*, in Proceedings of Hven 2000 on “Eta Carinae and other Mysterious Stars”, ASP Conf. Ser., **242**, p. 187



T. Iijima (2001), *Nova (V2274) Cyg 2001*, IAUC n° 7666

L. Ksanfomality, A. Sprague, G. Cremonese, L. Jorda, N. Thomas, J. Warell (2001), *Properties of the Hermean surface*, Workshop on “Mercury: Space environment, Surface, and Interior”, October 2001, Chicago

E. Marchetti, R. Falomo, D. Bello, N. Hubin (2001), *A search for star asterisms for natural guide star based MCAO correction*, Proc. “Beyond Conventional Adaptive Optics”, Venezia, May 2001, Eds. Ragazzoni Hubin Esposito, p. 59

M. Maris, C. Burigana, G. Cremonese, M. Fulle, P. Marzari, P. Palumbo (2001), *Solar System Foregrounds Separation*, Planck workshop on “Image processing: from time ordered data to component maps”, July 2001, Pisa

F. Marzari, V. Vanzani, L. Tomasella (2001), *On the origin of the 3:2 almost resonance between the two Earth-like planets orbiting pulsar PSR 1257+12*, Lunar Planetary Sci. Conf., **XXXII**

N. Masetti, E. Palazzi, E. Pian, S. Desidera, E. Giro, A. Frigo, R. Falomo, A. Zacchei, A. Magazzù, F. Ghinassi, M. Pedani (2001), *GRB010214, optical observations*, GRB Circular Network, **954**, 1

P. Mazzei, A. Curir (2001), *Chemo-photometric evolutionary predictions from SPH simulations of galaxy formation*, in “Galaxy Disk and Disk Galaxies”, Eds. J.G. Funes and E.M. Corsini, APS Conf. Ser., **230**, ASP, ISBN 1-58381-063-3, p. 355

U. Munari, T. Zwitter, T. Tomov (2001), *Jets in Symbiotic Binaries*, in “The Second National Conference on Astrophysics of Compact Objects”, Bologna, Italy, 19–21 September 2001, p. 34

A. Pastorello, G. Altavilla, S. Benetti, E. Cappellaro, M. Turatto (2001), *Supernova 2001cz in NGC 4679*, IAUC n° 7663

F. Patat, C. Contreras, J. Prieto, G. Altavilla, S. Benetti, E. Cappellaro, A. Pastorello, M. Turatto (2001), *Supernovae 2001dh, (2001dj) and 2001dl*, IAUC n° 7680

F. Patat, C. Contreras, J. Prieto, G. Altavilla, S. Benetti, E. Cappellaro, A. Pastorello, M. Turatto (2001), *V4740 Sagittarii*, IAUC n° 7709

L. Pigatto, V. Zanini (2001), *Lunar maps of the 17th and 18th centuries. Tobias Mayer’s map and its 19th-century edition*, Proceedings “Earth-Moon Relationships”, 8–10 November 2000, Padova, Italy, Kluwer Academic Publisher, p. 365

B.M. Poggianti, J. van Gorkom (2001) *Environmental effects on gas and galaxy evolution in clusters*, in “Gas and Galaxy Evolution”, Eds. J.E. Hibbard, M. Rupen, and J. H. van Gorkom, ASP Conf. Proceedings, **240**, ASP, p. 599

B.M. Poggianti (2001), *Disk galaxies in distant clusters*, in “Galaxy Disks and Disk Galaxies”, Eds. J. G., Funes, S. J. and E. M., Corsini, ASP Conf. Ser., **230**, ASP, p. 613

R. Ragazzoni (2001), *50 Anni (o quasi) di Ottica Adattiva*, L’Astronomia, Edizioni Astromedia, Dicembre 2001, **226**, p. 18

L. Spinoglio, P. Andreani, M.A. Malkan (2001), *Far-infrared energy distributions of active galaxies in the local universe and beyond: From ISO to HSO*, “The Promise of the Herschel Space Observatory”, Eds. G.L. Pilbratt, J. Cernicharo, A.M. Heras, T. Prusti, and R. Harris, ESA-SP, **460**, p. 143

J. W. Sulentic, M. Calvani, P. Marziani (2001), *Eigenvector 1: An H-R Diagram for AGN?*, ESO Messenger, **104**, 25

J. W. Sulentic, P. Marziani, M. Calvani, (2001), *An H-R Diagram for AGN?*, in “X-Ray Astronomy, Stellar Endpoints, AGN, and the Diffuse X-ray Background”, Bologna, Italy, 6–10 September 1999, Eds. N.E. White, G. Malaguti, G.C.G. Palumbo, American Institute of Physics, p. 963

E. Viard, M. Tordi, R. Ragazzoni, E. Diolati, (2001), *Non-linearity effect in Multi-conjugate adaptive optics systems*, SF2A-2001: Semaine de l'Astrophysique Francaise, Lyon, France, 28 May–1 June 2001, Ed. Societe Francaise d'Astronomie et d'Astrophysique, EdP-Sciences Conf. Ser., p. 165

L. Zampieri (2001), *Variability in Black Hole X-ray Binaries*, in “The Second National Conference on Astrophysics of Compact Objects”, Bologna, Italy, 19–21 September 2001, p. 51

T. Zwitter, U. Munari (2001), *A 3250-9050 spectrophotometric atlas of Symbiotic Stars*, in “Evolution of binary and multiple star systems”, Eds. Ph. Podsiadlowski, S. Rappaport, A. R. King, F. D'Antona, and L. Burder, ASP Conf. Ser., **229**, p. 397

## **B) Lavori sottomessi e non ancora pubblicati**

### **Riviste con referee (lavori in stampa o sottomessi)**

P. Andreani, R.A.E. Fosbury, I. van Bemmel, W. Freudling (2001), *Far-infrared/millimetre emission in 3C sources. Dust in radio galaxies and quasars*, A&A, in stampa

C. Baccigalupi, A. Balbi, S. Matarrese S., F. Perrotta, N. Vittorio (2001), *Constraints on flat cosmologies with tracking Quintessence from Cosmic Microwave Background observations*, PhRvD, in stampa (astro-ph/0109097)

M. Barbieri, R.G. Gratton (2001), *Galactic Orbits of Stars with Planets*, A&A, in stampa

S. Berta, J. Fritz, C. Pernechele, A. Bressan, A. Franceschini (2001), *Spatially-resolved spectrophotometric analysis and modelling of the SuperAntennae*, A&A, sottomesso

D. Branch, S. Benetti, D. Kasen, E. Baron, D.J. Jeffery, K. Hatano, R.A. Stathakis, A.V. Filippenko, T. Matheson, A. Pastorello, G. Altavilla, E. Cappellaro, L. Rizzi, M. Turatto, W. Li, D.C. Leonard, J.C. Shields (2001), *Direct Analysis of Spectra of Type Ib Supernovae*, ApJ, in stampa

A. Bressan, M. Della Valle, P. Marziani (2001), *On Core Collapse Supernovae in Normal and in Seyfert Galaxies*, MNRAS, in stampa

A. Bressan, L. Silva, G.L. Granato (2001), *FIR and Radio emission in dusty starbursts* A&A, sottomesso

C.L. Carilli, N.A. Miller, B.M. Poggianti, M.S. Yun, F. Owen (2001), *Deriving star formation rates from radio continuum luminosities*, sottomesso

E. Carretta, R.G. Gratton, J.G. Cohen, T.C. Beers, N. Christlieb (2001), *Stellar Archaeology: a Keck Pilot program on extremely metal-poor stars from the Hamburg/ESO Survey. II Abundance analysis*, AJ, sottomesso

D. Carter, B. Mobasher, T.J. Bridges, T.J., B.M. Poggianti, Y. Komiyama, N. Kashikawa, M. Doi, M. Iye, S. Okamura, M. Sekiguchi, K. Shimasaku, M. Yagi, N. Yasuda (2001), *A photometric and spectroscopic study of dwarf and giant galaxies in the Coma cluster - V. Dependence of the spectroscopic properties on location in the cluster*, ApJ, in stampa (astro-ph/0111189)

G. Clementini, R.G. Gratton, A. Bragaglia, E. Carretta, L. Di Fabrizio (2001), *Luminosities and pulsational properties of RR Lyrae variables in the bar of the Large Magellanic Cloud*, AJ, sottomesso

G. Clementini, A. Bragaglia, L. Di Fabrizio, E. Carretta, R.G. Gratton (2001), *Luminosities and pulsational properties of RR Lyrae variables in the bar of the Large Magellanic Cloud*, AJ, sottomesso (astro-ph/0007471)

J.G. Cohen, N. Christlieb, T.C. Beers, R.G. Gratton, E. Carretta (2001), *Stellar Archaeology: a Keck Pilot program on extremely metal-poor stars from the Hamburg/ESO Survey. I Stellar parameters*, AJ, sottomesso

- G. Cremonese, W.F. Huebner, H. Rauer, D.C. Boice (2001), *Neutral sodium tails in comets*, AdSpR, in stampa
- G. Cremonese, F. Marzari, C. Burigana, M. Maris (2001), *Asteroid detection at millimetric wavelengths with the Planck survey*, P&SS, sottomesso
- D. Dallacasa, R. Falomo, C. Stanghellini (2001), *Optical identifications of High Frequency Peackers*, A&A, in stampa
- E. Di Carlo, F. Massi, G. Valentini, A. Di Paola, F. D'Alessio, E. Brocato, D. Guidubaldi, M. Dolci, F. Pedichini, R. Speziali, G. Li Causi, A. Caratti, E. Cappellaro, M. Turatto, A.A. Arkharov, Y. Gnedin, V.M. Larionov, S. Benetti, A. Pastorello, I. Aretxaga, V. Chavushyan, O. Vega, I.J. Danziger, A. Tornambé (2001), *Optical and infrared observations of the supernova SN 1999el*, ApJ, sottomesso
- P.-A. Duc, B.M. Poggianti, D. Fadda, D. Elbaz, H. Flores, P. Chaniel, A. Franceschini, A. Moorwood, C. Cesarsky (2001), *Hidden star formation in the cluster of galaxies Abell 1689*, A&A, in stampa (astro-ph 0112249)
- S.A. Edwards, M. Colless, T.J. Bridges, D. Carter, B. Mobasher, B.M. Poggianti (2001), *Substructure in the Coma cluster: giants vs dwarfs*, ApJ, in stampa (astro-ph/0111038)
- G. Fasano, D. Bettoni, M. D'Onofrio, P. Kjægaard, M. Moles (2001), *The scaling relations of early-type galaxies in clusters: I. Surface photometry in seven nearby clusters*, A&A, in stampa
- M. Fiorucci, U. Munari (2001), *The Asiago Database on Photometric Systems (ADPS) and the design of the GAIA photometric system*, Ap&SS, in stampa
- A. Franceschini, D. Fadda, C. Cesarsky, D. Elbaz, C. Flores, G.L. Granato, *Iso Investigates The Nature Of Extremely-Red Hard X-Ray Sources Responsible For The X-Ray Background*, ApJ Letters, in stampa
- C. Gallart, M. Zoccali, G. Bertelli, C. Chiosi, P. Demarque, L. Girardi, E. Nasi, Y. Woo, S. Yi (2001), *Testing intermediate-age stellar evolution models with VLT photometry of LMC clusters. I. The data*, AJ, sottomesso
- L. Girardi, G. Bertelli, A. Bressan, C. Chiosi, M.A.T. Groenewegen, P. Marigo, B. Salasnich, Weiss (2001), *Theoretical isochrones in several photometric systems. I. Johnson-Cousins-Glass, HST/WFPC2, HST/NICMOS, Washington, and ESO Imaging Survey filter sets*, A&A, sottomesso
- R.G. Gratton, G. Bonanno, P. Bruno, A. Calì, R. Claudi, R. Cosentino, S. Desidera, F. Diego, G. Farisato, G. Martorana, M. Rebeschini, S. Scuderi (2001), *SARG: The High Resolution Spectrograph of TNG*, ExA, sottomesso
- C. Gruppioni, C. Lari, F. Pozzi, G. Zamorani, A. Franceschini, S. Oliver, M. Rowan-Robinson, S. Serjeant (2001), *A New Method for ISOCAM Data Reduction – II. Mid-Infrared Extragalactic Source Counts in the Southern ELAIS Fields*, MNRAS, sottomesso
- C. Gruppioni, F. Pozzi, P. Ciliegi, M. Mignoli, F. La Franca, S. Oliver, M. Rowan-Robinson (2001), *Spectroscopic and Multiwavelength Properties of ISOCAM 15  $\mu$ m Sources in the ELAIS Southern Regions*, Eds. I. Van Bemmell, B. Wilkes, and P. Barthel, NewAR, in stampa
- T. Iijima (2001), *An approach for mass transfer in detached symbiotic binary systems*, NewA, sottomesso
- T. Iijima (2001), *The spectrum of the recurrent Nova U Scorpii during the 1999 outburst*, A&A, sottomesso
- Y. Komiyama, M. Sekiguchi, N. Kashikawa, M. Yagi, M. Doi, M. Iye, S. Okamura, K. Shimasaku, N. Yasuda, B. Mobasher, D. Carter, T.J. Bridges, B.M. Poggianti (2001), *A photometric and spectroscopic*

study of dwarf and giant galaxies in the Coma cluster - I. Wide-area photometric survey: Observations and data analysis, ApJS, in stampa

Y. Krongold, D. Dultzin-Hacyan, P. Marziani (2001), *The Circumgalactic Environment of Bright IRAS Galaxies*, ApJ, sottomesso

S. Lucatello, R.G. Gratton (2001), *Rotation of Globular Cluster stars. Turn-Off and Subgiant stars in NGC104, NGC6397 and NGC6752*, A&A, sottomesso

D. Lutz, J.S. Dunlop, O. Almaini, P. Andreani, A. Blain, A. Efstathiou, M. Fox, R. Genzel, G. Hasinger, D. Hughes, R.J. Ivison, A. Lawrence, R.G. Mann, S. Oliver, J.A. Peacock, D. Rigopoulou, M. Rowan-Robinson, S. Scott, S. Serjeant, L. Tacconi (2001), *The extended counterpart of submm source Lockman850.1*, A&A, in stampa

D. Maino, A. Farusi, C. Baccigalupi, F. Perrotta, L. Bedini, A.J. Banday, C. Burigana, G. De Zotti, K.M. Górski, E. Salerno (2001), *All-sky astrophysical component separation with Fast Independent Component Analysis (FastICA)*, MNRAS, sottomesso

R. Mann, S. Oliver, R. Carballo, A. Franceschini, M. Rowan-Robinson, A.F. Heavens, M. Kontizas, D. Elbaz, A. Dapergolas, F. Kontizas, G.L. Granato, L. Silva, D. Rigopoulou, J. Gonzalez, S. Serjeant, A. Verma, A. Efstathiou, P. van der Werf (2001), *Observations of the Hubble Deep Field South with the Infrared Space Observatory - II. Associations and star formation rates*, MNRAS, in stampa

I. Marquez, J. Masegosa, M. Moles, J. Varela, D. Bettoni, G. Galletta (2001), *Rotation curves and metallicity gradients from HII regions in spiral galaxies*, A&A, sottomesso

I. Matute, F. La Franca, F. Pozzi, C. Gruppioni, C. Lari, G. Zamorani, L. Danese, S. Oliver, S. Serjeant, M. Rowan-Robinson (2001), *Evolution of Type I AGNs in the IR (15  $\mu$ m): the View from the ELAIS S1*, MNRAS, sottomesso

M. Moles, D. Bettoni, P. Kjægaard, G. Fasano, J. Varela (2001), *The scaling relations of early-type galaxies in clusters: II. Spectroscopy in eight nearby clusters*, A&A, sottomesso

Y. Momany, E.V. Held, I. Saviane, L. Rizzi (2001), *The Sagittarius dwarf irregular galaxy: metallicity and stellar populations*, A&A, in stampa

L. Moscardini, M. Bartelmann, S. Matarrese, P. Andreani (2001), *Predicting the clustering properties of galaxy clusters detectable for the Planck satellite*, MNRAS, sottomesso

U. Munari, T. Zwitter (2001), *A multi-epoch spectrophotometric atlas of symbiotic stars*, A&A, in stampa

U. Munari, R. Jurđana-vSepić (2001), *Symbiotic stars on Asiago archive plates. II*, A&A, in stampa

G. Naletto, V. Da Deppo, M.G. Pelizzo, R. Ragazzoni, E. Marchetti (2001), *The optical design of the Wide Angle Camera for the Rosetta mission*, ApOpt

R. Niruj Mohan, A. Cimatti, H.J.A. Roettgering, P. Andreani, P. Severgnini, R.P.J. Tilanus, C.L. Carilli, S.A. Stanford (2001), *Search for sub-mm, mm and radio continuum emission from Extremely Red Objects*, A&A, in stampa

S. Oliver, R. Mann, R. Carballo, A. Franceschini, M. Rowan-Robinson, M. Kontizas, A. Dapergolas, E. Kontizas, A. Verma, D. Elbaz, G.L. Granato, L. Silva, D. Rigopoulou, J. Gonzalez, S. Serjeant, A. Efstathiou, P. van der Werf (2001), *Observations of the Hubble Deep Field South with the Infrared Space Observatory - I. Observations, data reduction and mid infrared source counts*, MNRAS, in stampa

A. Pastorello, M. Turatto, S. Benetti, E. Cappellaro, I.J. Danziger, P.A. Mazzali, F. Patat, A.V. Filippenko, D.J. Schlegel, T. Matheson (2001), *The Type II In SN 1995G: Interaction with the CSM*, MNRAS, in stampa

F. Perrotta, C. Baccigalupi (2001), *On the Dark Energy clustering properties*, PhRvD, sottomesso

F. Perrotta, M. Magliocchetti, C. Baccigalupi, M. Bartelmann, G. De Zotti, G.L. Granato, L. Silva, L. Danese (2001), *Clustering properties and gravitational Lensing of Forming Spheroidal Galaxies*, MNRAS, sottomesso

L. Pigatto (2001), *Tycho Brahe and the Republic of Venice: a failed project*, in “Tycho Brahe and Prague: Crossroads of European Science”, International Symposium on the History of Science in Rudolphine period organized on the occasion of 400th anniversary of Tycho Brahe’s death (Prague, 24. 10. 1601), in stampa

L. Pigatto, V. Zanini (2001), *Opposition of Eros (433) of 1900 and the contribution of Padova Observatory to solar parallax determination*, JAHH, sottomesso

R. Ragazzoni, E. Diolaiti, J. Farinato, E. Fedrigo, E. Marchetti, M. Tordi, D. Kirkman (2001), *Multiple Field of View Layer Oriented Adaptive Optics: Nearly whole sky coverage on 8m class telescopes and beyond*, A&A

R. Ragazzoni, E. Marchetti, G. Valente (2001), *Gravitational wave detection through microlensing?*, A&A

I. Saviane, L. Rizzi, E.V. Held, F. Bresolin, Y. Momany (2001), *New abundance measurements in UKS 1927-177, a very metal-poor galaxy in the Local Group*, A&A, sottomesso

S. Serjeant, C. Gruppioni, S. Oliver (2001), *The Local Star-Formation Rate and Radio Luminosity Density*, MNRAS, in stampa

J. W. Sulentic, P. Marziani, R. Zamanov, R. Bachev, M. Calvani, D. Dultzin-Hacyan (2001), *Average Quasar Spectra in the Context of Eigenvector 1*, ApJ, sottomesso

M. Turatto, E. Cappellaro, R. Ragazzoni, S. Benetti, F. Sabbadin (2001), *The 3-D ionization structure of the Planetary Nebula NGC 6565*, A&A, in stampa

P. Vaisanen, M. Rowan-Robinson, S. Serjeant, S. Oliver, T. Morel, T. Sumner, H. Crockett, C. Gruppioni, E. Tollestrup (2001), *Near and Mid-Infrared Colours of ELAIS Sources*, MNRAS, in stampa

A. Vallenari, L. Schmidtbreick, D.J. Bomans (2001), *The star formation history of UGC 5889*, A&A, in stampa

E. Viard, E. Diolaiti, M. Tordi (2001), *Non linearity effects in MCAO*, OptCo

V. Zanini (2001), *Antonio Cagnoli (Zante, 1743 - Verona, 1816)*, in “Professori e scienziati a Padova nel Settecento”, Contributi del Centro per la Storia dell’Università di Padova, Profili Biografici, in stampa

### **Rapporti invitati a congressi (in corso di stampa)**

C. Baccigalupi, G. De Zotti, C. Burigana, F. Perrotta (2001), *Polarized foregrounds power spectra vs CMB*, Proc. Int. Workshop “Astrophysical Polarized Backgrounds”, Eds. S. Cecchini, S. Cortiglioni, R. Sault, and C. Sbarra, Bologna, 9–12 October 2001

C. Baccigalupi, A. Balbi, S. Matarrese, F. Perrotta, N. Vittorio (2001), *What’s Behind Acoustic Peaks in the Cosmic Microwave Background Anisotropies*, Proceedings to the TAUP2001 conference, LNGS, Italy, September 2001

A. Bressan (2001), *Recent star formation in galaxies*, Invited review in “The link between stars and cosmology”, 26-30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer

E. Cappellaro (2001), *Supernova Rates*, in “Supernovae and Gamma-Ray Bursters”, Lecture Notes in Physics, Ed. K.W. Weiler, Springer-Verlag Press

L. Danese, G.L. Granato, L. Silva, M. Magliocchetti, G. De Zotti, (2001), *Spheroidal Galaxies/QSO Connection*, Proc. ESO workshop on “The Mass of Galaxies at Low and High Redshift”, Venice, 24–26 October 2001, Eds. R. Bender and A. Renzini, Springer-Verlag

G. De Zotti, G.L. Granato, C. Baccigalupi, M. Magliocchetti, P. Mazzei, F. Perrotta, L. Danese (2001), *Formation of Spheroidal Galaxies: The Sub-mm View*, Proc. Frascati Workshop 2001, “Multi-frequency Behaviour of High Energy Cosmic Sources”, Vulcano, 21–26 May 2001

G. De Zotti (2001), *Workshop summary and the future*, Proc. Int. Workshop “Astrophysical Polarized Backgrounds”, Eds. S. Cecchini, S. Cortiglioni, R. Sault, and C. Sbarra, Bologna, 9–12 October 2001

G.L. Granato, L. Silva, *The dusty SF history of high-z galaxies, modelling tools and future prospect*, in “The link between stars and cosmology”, 26–30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer (astro-ph/0105428)

U. Munari (2001), *GAIA spectroscopy*, Proceedings of the 2001 Les Houches School

M. Turatto (2001), *Chapter 3: Classification of Supernovae*, in “Supernovae and Gamma-Ray Bursters”, Lecture Notes in Physics, Ed. K.W. Weiler, Springer-Verlag Press

L. Zampieri (2001), *Black Hole Formation in Supernovae: Prospects of Unveiling Fallback Emission*, in Proceedings of the XIV SIGRAV Conference on General Relativity, “Recent Developments in General Relativity”, Springer

### **Comunicazioni a congressi, altre riviste, in stampa**

P. Andreani (2001), *Type 1 AGN and their Link to ULIRGS* in “Issues in unifications of AGNs”, Marciana Marina, May 2001, Eds. R. Maiolino, A. Marconi, and N. Nagar

C. Barbieri, M. Calvani, G. Hahn, M. Hoffman, G. Mottola, L. Pignata, L. Salvadori (2001), *ADAS: Asiago-DLR asteroid survey*, in “Astrometry and Physics of Minor Planets from Observational Networks”, Paris, 9–12 October 2001

C. Barbieri, M. Calvani, G. Hahn et al. (2001), *New life for the Asiago Schmidt S67/92 telescope*, in “Asteroids 2001: From Piazzis to the 3rd Millennium”, Palermo, 11–16 June 2001

D. Bettoni, R. Falomo, G. Fasano, F. Govoni, M. Salvo, R. Scarpa (2001), *The Fundamental Plane of Radio Galaxies*, in “The masses of galaxies at low and high redshift”, Venezia, 2001

F. Bortoletto, C. Bonoli, A. Franceschini, E. Giro, C. Pernechele, P. Conconi, R. Mazzoleni, E. Molinari, F. Zerbi, D. Lorenzetti, F. Vitali, L. Corcione, L. Spinoglio (2001), *La partecipazione italiana alla strumentazione nel medio IR di NGST*, Convegno Nazionale di Astronomia Infrarossa, Perugia, 4–7 Dicembre 2001

A. Bressan, M. Della Valle, P. Marziani (2001), *Type Ib-Ic Supernovae: Time Clocks of Seyfert Galaxies?*, in “The link between stars and cosmology”, 26–30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer

A. Bressan, G.L. Granato, L. Silva (2001), *FIR and Radio emission in star forming galaxies*, Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

A. Bressan, P. Marziani, M. Della Valle (2001), *Type Ib-Ic Supernovae: Time Clocks of Seyfert Galaxies?*, in “New Quests in Stellar Astrophysics: The link between Stars and Cosmology”, 26–30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer

A. Bressan, B.M. Poggianti, A. Franceschini (2001), *Recent star formation in very luminous infrared galaxies*, Proc. Workshop on “QSO Hosts and their Environments”, Granada, 10–12 January 2001, Ed. I. Marquez (astro-ph/0103167)

E. Carretta, J.G. Cohen, R.G. Gratton, B.B. Behr, N. Christlieb (2001), *An abundance analysis for Four Red Horizontal Branch Stars in the extremely metal rich globular cluster NGC 6528*, in “Astrophysical Ages and Times Scales”, Eds. T. von Hippel, C. Simpson, and N. Manset, ASP Conf. Ser., **245**, ASP

E. Carretta, R.G. Gratton, A. Bragaglia, M. Tosi, G. Marconi (2001), *Metallicity of old open clusters*, in “Observed HR Diagrams and stellar evolution: the interplay between observational constraints and theory”, Coimbra, Eds. T.Lejeune and J.Fernandez, ASP Conf. Ser.

E. Carretta, R.G. Gratton, L. Pasquini, M. Centurion (2001), *Abundances in Globular Cluster Turn-Off stars: are they identical to those of Field Subdwarfs?*, in “Observed HR Diagrams and stellar evolution: the interplay between observational constraints and theory”, Coimbra, Eds. T.Lejeune and J.Fernandez, ASP Conf. Ser.

G. Clementini, A. Bragaglia, L. Di Fabrizio, M. Maio, E. Carretta, R.G. Gratton, E.V. Held, Y. Mo- many, L. Rizzi, I. Saviane (2001), *RR Lyrae variables in Local group Galaxies: LMC, Leo I. New results and distances to these galaxies*, in IAU Colloquium 185, “Radial and Nonradial pulsations as probes of stellar physics”, Eds. C. Aerts, T. Bedding, and J. Christensen-Dalsgaard, ASP

G. Clementini, A. Bragaglia, M. Maio, E. Carretta, R.G. Gratton, L. Di Fabrizio (2001), *CMDs, RR Lyrae’s, clump stars and reddening in the LMC*, in “Observed HR Diagrams and stellar evolution: the interplay between observational constraints and theory”, Coimbra, Eds. T.Lejeune and J.Fernandez, ASP Conf. Ser.

G. Clementini, R. Gratton (2001), *The Oldest Stars and the Age of the Universe*, European Review

A. Curir, P. Mazzei (2001), *The black hole demography in galaxies*, Proc. to the conference “Wher’s the dark matter? Tracing Dark and Bright Matter with the new generation of Large Scale Surveys”, Eds. Treyer and Tresse, 2001, Frontier Group

E. Diolati, R. Ragazzoni, M. Tordi (2001), *Stability and optimality of a layer-oriented MCAO system*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 9

R. Falomo, J. Kotilainen, A. Treves (2001), *High resolution near-IR images of quasar hosts at  $z \sim 1.5$* , Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

R. Falomo, J. Kotilainen, A. Treves, N. Carangelo (2001), *VLT/ISAAC images of quasar hosts at  $z \sim 1.5$* , Proc. Workshop on “Deep Fields”, Garching, October 2000

R. Falomo, J. Kotilainen, A. Treves (2001), *The black hole mass of BL Lacs from stellar velocity dispersion of the host galaxy*, Proc. Conf. on “The Mass of Galaxies at low and high redshift”, Venezia, October 2001

J. Farinato, E. Fedrigo, E. Marchetti, R. Ragazzoni (2001), *More DMs (and higher Sthrel) in layer-oriented for free*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 7

G. Fasano, D. Bettoni, C. Marmo, E. Pignatelli, B.M. Poggianti, M. Moles, P. Kjægaard (2001), *WINGS: a Wide-field Imaging Nearby Galaxy clusters Survey*, in “Tracing cosmic evolution with galaxy clusters”, Sesto Pusteria, ASP Conf. Ser. (astro-ph/0110478)

G.L. Granato, G. De Zotti, L. Silva, L. Danese, M. Magliocchetti (2001), *The Connection between Spheroidal Galaxies and QSOs*, Proc. Conf. on “The evolution of Galaxies. II. Basic Building Blocks”, La Reunion, October 2001, Kluwer

R.G. Gratton, ..., E. Carretta, ... (2001), *The light elements in TO and SGB stars of two globular clusters: implications for photometric age determinations*, in “Astrophysical Ages and Times Scales”, Eds. T. von Hippel, C. Simpson, and N. Manset, ASP Conf. Ser., **245**, ASP

R.G. Gratton, G. Bonanno, E. Brocato, E. Carretta, R. Claudi, R. Cosentino, S. Desidera, M. Dolci, M. Endl, S. Lucatello, F. Marzari, S. Scuderi (2001), *the SARG Planet Search: hunting for planets around stars in wide binaries*, MmSAI

R.G. Gratton, G. Bonanno, E. Brocato, E. Carretta, R. Claudi, R. Cosentino, S. Desidera, M. Dolci, M. Endl, S. Lucatello, F. Marzari, S. Scuderi (2001), *SARG Extra Solar Planet Search*, in “1st Eddington Workshop - Stellar structure and habitable planet finding”, Cordoba, June 2001

R.G. Gratton, ..., E. Carretta, ... (2001), *Ashes from the Elder brethren. UVES Observes Stellar Abundance Anomalies in Globular Clusters*, ESO Press Release 03/01

R.G. Gratton et al. (2001), *Abundances in turn-off and subgiant stars in globular clusters*, in “Observed HR diagrams and stellar evolution”, Eds. T. Lejeune and J. Fernandes, ASP Conf. Ser.

E.V. Held (2001), *Dwarf galaxies in the Local Group: the VLT perspective*, in ESO Workshop on “Scientific Drivers for ESO Future VLT/VLTI Instrumentation”, Eds. J. Bergeron and G. Monnet, Springer-Verlag

E.V. Held, L. Federici, C. Cacciari, V. Testa (2001), *Ages and metallicities of globular clusters in NGC 5128*, in IAU Symp. 207, “Extragalactic Star Clusters”, Eds. E. Grebel, D. Geisler, and D. Minniti

E.V. Held, A. Rosenberg, I. Saviane, Y. Momany (2001), *The globular cluster Terzan 7 in the Sagittarius dwarf spheroidal galaxy*, in IAU Symp. 207, “Extragalactic Star Clusters”, Eds. E. Grebel, D. Geisler, and D. Minniti

N. Hubin, E. Marchetti, R. Conan, R. Ragazzoni, E. Diolaiti, M. Tordi, G. Rousset, T. Fusco, P.Y. Madec, D. Butler, S. Esposito (2001), *The ESO MCAO demonstrator: a European collaboration*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 1

T. Iijima (2001), *Wide-spread Outflow of MWC 560 = V694 Mon*, in “Accretion, Turbulence and MHD - stability and instability in astrophysical flows”, JENAM, 2001, Monaco

J. Kotilainen, R. Falomo (2001), *Near infrared imaging of steep spectrum radio quasars*, Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

Y. Krongold, D. Dultzin-Hacyan, P. Marziani (2001), *The Circum-galactic Environment of IRAS Bright Galaxies*, Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

Y. Krongold, D. Dultzin-Hacyan, P. Marziani (2001), *The Circum-Galactic Environment of LINERs*, Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

F. La Franca, I. Matute, F. Fiore, C. Gruppioni, F. Pozzi, C. Vignali plus HELLAS, ELAIS collaborations (2001), *The evolution of AGNs in the Hard X-Rays and the Infrared*, Eds. R. Maiolino, A. Marconi and N. Nagar

S. Lucatello, R.G. Gratton (2001), *The rotation of MS stars in 47 Tuc, NGC6397 and NGC6752*, in “Observed HR diagrams and stellar evolution”, Eds. T. Lejeune and J. Fernandes, ASP Conf. Ser.

M. Magliocchetti, L. Moscardini, G. De Zotti, G.L. Granato, L. Danese (2001), *Clustering of SCUBA galaxies and implications for the PLANCK mission*, in “Where is the Matter? Tracing Dark and Bright Matter with the New Generation of Large Scale Surveys”, June 2001, Eds. Treyer and Tresse, Frontières

E. Marchetti, R. Ragazzoni (2001), *Opto-mechanical design of a layer-oriented WFS for a 100m aperture*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 19

P. Marziani, M. Calvani (2001), *Le Galassie Attive*, Collana “Viaggio nell’Universo: I Grandi Temi dell’Astronomia”, Fabbri Editori

P. Marziani, M. Calvani (2001), *I buchi neri*, Collana “Viaggio nell’Universo: I Grandi Temi dell’Astronomia”, Fabbri Editori

P. Marziani, M. Calvani (2001), *Dictionary of Geophysics, Astronomy and Astrophysics 2001*, Ed. R. Matzner, CRC Press (Contributo a circa 100 voci)

I. Matute, F. La Franca, C. Gruppioni, C. Lari and F. Pozzi (2001), *Evolution of Type 1 AGNs in the IR (15  $\mu$ m)*, Eds. R.F. Green, E.Ye. Khachikian, and D.B. Sanders, ASP



Y.D. Mayya, A. Bressan, M. Rodriguez, J.R. Valdes (2001), *Extinction and Star Formation Histories of Nearby Starburst Galaxies*, in “The link between stars and cosmology”, 26-30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer

P. Mazzei, A. Curir (2001), *Dark and luminous matter connection: triaxial halo and star formation onset in baryonic disks*, Proc. to the conference “Wher’s the dark matter? Tracing Dark and Bright Matter with the new generation of Large Scale Surveys”, Eds. Treyer and Tresse, Frontier Group

U. Munari, M. Fiorucci (2001), *Current developments of the Asiago Database on Photometric Systems (ADPS)*, III Convegno Nazionale di Astronomia Infrarossa, Perugia, Ed. M. Busso, MmSAI

M. O’Dowd, C.M. Urry, R. Scarpa, R. Falomo, J.E. Pesce, A. Treves (2001), *The nucleus-host galaxy connection in radio-loud AGN*, Proc. Workshop on “QSO Hosts and their Environment”, Granada, 10–12 January 2001, Ed. I. Marquez

P. Panuzzo, A. Bressan, G.L. Granato, L. Silva, L. Danese, *Dust and Nebular Emission in Star Forming Galaxies*, in “The link between stars and cosmology”, 26-30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer (astro-ph/0105495)

L. Pigatto, V. Zanini (2001), *433 Eros opposition of 1900 and the solar parallax measurement*, Special Colloquium, JENAM, Monaco, 2001

B.M. Poggianti, T.J. Bridges, B. Mobasher, D. Carter (2001), *Tracing cosmic evolution with the Coma cluster*, in the Proceedings of “Tracing cosmic evolution with galaxy clusters”, Sesto Pusteria, 3-6 July 2001, ASP Conf. Ser. (astro-ph/0110170)

B.M. Poggianti (2001), *Galactic morphologies in distant clusters*, Proceedings XLIV National Congress, Monteporzio, 10-15 April 2000, MmSAI (astro-ph/0009272)

R. Ragazzoni (2001), *Rayleigh link to overcome fog attenuation*, SPIE, **4489**

R. Ragazzoni, M. Bartolozzi, E. Diolaiti, M. Tordi, M. Turri, A. Turolla, G. Valente, A. Zanchetto, A. Martin, D. Turolla (2001), *COLORS: COmmunication Link with an Optical Relay Satellite*, SPIE, **4489**

R. Ragazzoni, E. Diolaiti, J. Farinato, E. Fedrigo, E. Marchetti, M. Tordi, D. Kirkman (2001), *Multiple Field of View Layer Oriented*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 2

R. Ragazzoni, E. Diolaiti, J. Farinato, E. Marchetti, M. Tordi (2001), *Sky coverage in layer-oriented adaptive optics*, SPIE, **4494**

R. Ragazzoni, E. Diolaiti, M. Tordi (2001), *Rayleigh laser guide star wavefront sensing*, SPIE, **4494**

R. Ragazzoni, S. Esposito, M. Carillet, E. Diolaiti, M. Tordi, E. Viard (2001), *Specification and optical budget for layer oriented WFS for MAD*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 60

R. Ragazzoni, S. Esposito, A. Ghedina, A. Baruffolo, M. Cecconi, E. Diolaiti, J. Farinato, L. Fini, E. Marchetti, M. Tordi (2001), *Pyramid wavefront sensor aboard the AdOpt@TNG: a status report*, SPIE, **4494**

R. Ragazzoni, M. Tordi, E. Diolaiti, D. Kirkman (2001), *Z-invariant WaveFront Sensor: sensing a Rayleigh beacon without gating!*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 61

R. Rampazzo, P. Amram, J. Boulesteix, A. Bressan, J.L. Gach, M. Longhetti, F. Padoan, H. Plana, W. Zeilinger (2001), *Warm gas and stars in shell galaxies*, in “Galaxies: the third dimension”, Conf. Ser. of the Astronomical Society of the Pacific, Eds. M. Rosado, L. Binette, and L. Arias

E.N. Ribak, R. Ragazzoni (2001), *Low power laser guide stars and wide field of view*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 23

L. Rizzi, E. V. Held, G. Bertelli, E. Nasi, I. Saviane, A. Vallenari (2001), *The Coimbra Experiment: Group 7 Analysis*, in “Observed HR diagrams and stellar evolution: the interplay between observational constraints and theory”, ASP Conf. Ser., Eds. T. Lejeune and J. Fernandes, ASP

L. Rizzi, E.V. Held, I. Saviane, Y. Momany, G. Clementini, G. Bertelli (2001), *Wide Field HR diagrams of Local Group Dwarf Galaxies*, in “Observed HR diagrams and stellar evolution: the interplay between observational constraints and theory”, ASP Conf. Ser., Eds. T. Lejeune and J. Fernandes, ASP

L. Silva, A. Bressan, G.L. Granato, P. Panuzzo, *Modelling the radio to X-ray SED of galaxies*, in “The link between stars and cosmology”, 26–30 March 2001, Puerto Vallarta, Mexico, Eds. M. Chavez, A. Bressan, A. Buzzoni, and D. Mayya, Kluwer (astro-ph/0106128)

A. Treves, N. Carangelo, R. Falomo, C.M. Urry, M. O’Dowd, R. Scarpa (2001), *Host galaxies, BH masses and Eddington ratio of radio loud AGN*, Proc. Conf. “Issue in Unifications of AGNs”, Elba, May 2001

A. Treves, N. Carangelo, R. Falomo (2001), *Luminosities of radio loud active galaxies*, Proc. Conf. “The Mass of Galaxies at low and high redshift”, Venezia, October 2002

E. Viard, M. Tordi, R. Ragazzoni, E. Diolati (2001), *Non-linearity effect in MCAO systems*, ESO Conf. “Beyond Conventional Adaptive Optics”, paper no. 36

L. Zampieri (2001), *GRS1915+105 and the Accretion Flow in AGNs*, in Proceedings del IV Congresso Nazionale AGN, MmSAI

### List of Bibliographic Code Abbreviations

A&A..... Astronomy and Astrophysics  
AJ..... Astronomical Journal  
AdSpR.... Advances in Space Research  
ApJ..... Astrophysical Journal  
ApJS.... Astrophysical Journal Supplement Series  
ApOpt.... Applied Optics  
Ap&SS.... Astrophysics and Space Science  
AstL..... Astronomy Letters  
BaltA.... Baltic Astronomy  
ExA..... Experimental Astronomy  
IAUC..... International Astronomical Union Circular  
IBVS.... Informational Bulletin on Variable Stars  
IJMPC.... International Journal of Modern Physics C  
JAHH.... Journal of Astronomical History and Heritage  
MNRAS.... Monthly Notices of the Royal Astronomical Society  
MmSAI... Memorie della Societa Astronomica Italiana  
NewA..... New Astronomy  
NewAR.... New Astronomy Review  
OptCo.... Optics Communications  
P&SS.... Planetary and Space Science  
PASP.... Publications of the Astronomical Society of the Pacific  
PhRvD.... Physical Review D  
SPIE.... Society of Photo-Optical Instrumentation Engineers Conf.