

# Stefano Cristiani - Publications.

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## 1 Refereed Papers

- 296) *Cosmology and fundamental physics with the ELT-ANDES spectrograph*, Martins, C. J. A. P., Cooke, R., Liske, J., et al., 2023, arXiv:2311.16274
- 295) *Probing the small-scale structure of the intergalactic medium with ESPRESSO: spectroscopy of the lensed QSO UM673*, Cristiani, S., Cupani, G., Trost, A., et al., 2024, MNRAS, 528, 6845
- 294) *Fundamental physics with ESPRESSO: a new determination of the D/H ratio towards PKS1937-101*, Guarneri, F., Pasquini, L., D’Odorico, V., et al., 2024, MNRAS.tmp,
- 293) *The MUSE Ultra Deep Field (MUDF). IV. A pair of X-ray weak quasars at the heart of two extended Ly $\alpha$  nebulae*, Lusso, E., Nardini, E., Fumagalli, M., et al., 2023, MNRAS, 525, 4388
- 292) *The  $^{12}\text{C}/^{13}\text{C}$  isotopic ratio at the dawn of chemical evolution*, Molaro, P., Aguado, D. S., Caffau, E., et al., 2023, A&A, 679, A72
- 291) *A compact multi-planet system transiting HIP 29442 (TOI-469) discovered by TESS and ESPRESSO. Radial velocities lead to the detection of transits with low signal-to-noise ratio*, Damasso, M., Rodrigues, J., Castro-Gonzalez, A., et al., 2023, A&A, 679, A33
- 290) *HYPe rluminous quasars at the Epoch of Reionization (HYPERION): A new regime for the X-ray nuclear properties of the first quasars*, Zappacosta, L., Piconcelli, E., Fiore, F., et al., 2023, A&A, 678, A201
- 289) *The VANDELS ESO public spectroscopic survey: The spectroscopic measurements catalogue*, Talia, M., Schreiber, C., Garilli, B., et al., 2023, A&A, 678, A25
- 288) *CUBES: a UV spectrograph for the future*, Covino, S., Cristiani, S., Alcal, J. M., et al., 2023, MmSAI, 94, 281
- 287) *Spectrographs and spectroscopists for the Sandage test*, Cristiani, S., Boutsia, K., Calderone, G., et al., 2023, MmSAI, 94, 251
- 286) *ALMA unveils an outflow and a stellar bulge in an isolated  $z \approx 6$  QSO*, Tripodi, R., Feruglio, C., Fiore, F., et al., 2023, MmSAI, 94, 240
- 285) *Crossing the Rubicon of Reionization with  $z \approx 5$  QSOs*, Grazian, A., Boutsia, K., Giallongo, E., et al., 2023, ApJ, 955, 60
- 284) *XQR-30: The ultimate XSHOOTER quasar sample at the reionization epoch*, D’Odorico, V., Baados, E., Becker, G. D., et al., 2023, MNRAS, 523, 1399
- 283) *An unusually low-density super-Earth transiting the bright early-type M-dwarf GJ 1018 (TOI-244)*, Castro-González, A., Demangeon, O. D. S., Lillo-Box, J., et al., 2023, A&A, 675, A52
- 282) *Spectroscopy of QUBRICS quasar candidates: 1672 new redshifts and a golden sample for the Sandage test of the redshift drift*, Cristiani, S., Porru, M., Guarneri, F., et al., 2023, MNRAS, 522,

2019

281) *Eddington accreting black holes in the epoch of reionization*, Fontanot, F., Cristiani, S., Grazian, A., et al., 2023, MNRAS, 520, 740

280) *The CUBES instrument model and simulation tools*, Genoni, M., Landoni, M., Cupani, G., et al., 2023, ExA, 55, 301

279) *CUBES phase a design overview*, Zanutta, A., Cristiani, S., Atkinson, D., et al., 2023, ExA, 55, 241

278) *The CUBES science case*, Evans, C., Cristiani, S., Opitom, C., et al., 2023, ExA, 55, 1

277) *Two temperate Earth-mass planets orbiting the nearby star GJ 1002*, Suárez Mascareño, A., González-Álvarez, E., Zapatero Osorio, M. R., et al., 2023, A&A, 670, A5

276) *The pristine nature of SMSS 1605-1443 revealed by ESPRESSO*, Aguado, D. S., Caffau, E., Molaro, P., et al., 2023, A&A, 669, L4

275) *The probabilistic random forest applied to the QUBRICS survey: improving the selection of high-redshift quasars with synthetic data*, Guarneri, F., Calderone, G., Cristiani, S., et al., 2022, MNRAS, 517, 2436

274) *ESPRESSO observations of HE 0107-5240 and other CEMP-no stars with  $[Fe/H] = -4.5$* , Aguado, D. S., Molaro, P., Caffau, E., et al., 2022, A&A, 668, A86

273) *Detection of barium in the atmospheres of the ultra-hot gas giants WASP-76b and WASP-121b. Together with new detections of Co and Sr+ on WASP-121b*, Azevedo Silva, T., Demangeon, O. D. S., Santos, N. C., et al., 2022, A&A, 666, L10

272) *Automatic model-based telluric correction for the ESPRESSO data reduction software. Model description and application to radial velocity computation*, Allart, R., Lovis, C., Faria, J., et al., 2022, A&A, 666, A196

271) *Fundamental physics with ESPRESSO: Constraining a simple parametrisation for varying  $a$* , da Fonseca, V., Barreiro, T., Nunes, N. J., et al., 2022, A&A, 666, A57

270) *HD 23472: a multi-planetary system with three super-Earths and two potential super-Mercuries*, Barros, S. C. C., Demangeon, O. D. S., Alibert, Y., et al., 2022, A&A, 665, A154

269) *Black hole and host galaxy growth in an isolated  $z \approx 6$  QSO observed with ALMA*, Tripodi, R., Feruglio, C., Fiore, F., et al., 2022, A&A, 665, A107

268) *Transmission spectroscopy of MASCARA-1b with ESPRESSO: Challenges of overlapping orbital and Doppler tracks*, Casasayas-Barris, N., Borsa, F., Palle, E., et al., 2022, A&A, 664, A121

267) *A novel framework for semi-Bayesian radial velocities through template matching*, Silva, A. M., Faria, J. P., Santos, N. C., et al., 2022, A&A, 663, A143

266) *Hydrogen reionization ends by  $z = 5.3$ : Lyman- $\alpha$  optical depth measured by the XQR-30 sample*, Bosman, S. E. I., Davies, F. B., Becker, G. D., et al., 2022, MNRAS, 514, 55

265) *Fundamental physics with ESPRESSO: Constraints on Bekenstein and dark energy models from astrophysical and local probes*, Martins, C. J. A. P., Cristiani, S., Cupani, G., et al., 2022, PhRvD, 105, 123507

- 264) *Suppression of black-hole growth by strong outflows at redshifts 5.8-6.6*, Bischetti, M., Feruglio, C., D’Odorico, V., et al., 2022, *Natur*, 605, 244
- 263) *The evolution of the Si IV content in the Universe from the epoch of reionization to cosmic noon*, D’Odorico, V., Finlator, K., Cristiani, S., et al., 2022, *MNRAS*, 512, 2389
- 262) *CUBES phase a design overview*, Zanutta, A., Cristiani, S., Atkinson, D., et al., 2022, *ExA...tmp*,
- 261) *The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters*, Flury, S. R., Jaskot, A. E., Ferguson, H. C., et al., 2022, *ApJS*, 260, 1
- 260) *CaRM: Exploring the chromatic Rossiter-McLaughlin effect. The cases of HD 189733b and WASP-127b*, Cristo, E., Santos, N. C., Demangeon, O., et al., 2022, *A & A*, 660, A52
- 259) *High star cluster formation efficiency in the strongly lensed Sunburst Lyman-continuum galaxy at  $z = 2.37$* , Vanzella, E., Castellano, M., Bergamini, P., et al., 2022, *A & A*, 659, A2
- 258) *Near-infrared spectroscopy of extreme BAL QSOs from the QUBRICS bright quasar survey*, Cupani, G., Calderone, G., Selvelli, P., et al., 2022, *MNRAS*, 510, 2509
- 257) *Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 05154414*, Murphy, M. T., Molaro, P., Leite, A. C. O., et al., 2022, *A & A*, 658, A123
- 256) *A candidate short-period sub-Earth orbiting Proxima Centauri*, Faria, J. P., Suárez Mascareño, A., Figueira, P., et al., 2022, *A & A*, 658, A115
- 255) *The Space Density of Ultra-luminous QSOs at the End of Reionization Epoch by the QUBRICS Survey and the AGN Contribution to the Hydrogen Ionizing Background*, Grazian, A., Giallongo, E., Boutsia, K., et al., 2022, *ApJ*, 924, 62
- 254) *Retrieving the transmission spectrum of HD 209458b using CHOCOLATE: a new chromatic Doppler tomography technique*, Esparza-Borges, E., Oshagh, M., Casasayas-Barris, N., et al., 2022, *A & A*, 657, A23
- 253) *The Rossiter-McLaughlin effect revolutions: an ultra-short period planet and a warm mini-Neptune on perpendicular orbits*, Bourrier, V., Lovis, C., Cretignier, M., et al., 2021, *A & A*, 654, A152
- 252) *HD 22496 b: The first ESPRESSO stand-alone planet discovery*, Lillo-Box, J., Faria, J. P., Suárez Mascareño, A., et al., 2021, *A & A*, 654, A60
- 251) *Into the storm: diving into the winds of the ultra-hot Jupiter WASP-76 b with HARPS and ESPRESSO*, Seidel, J. V., Ehrenreich, D., Allart, R., et al., 2021, *A & A*, 653, A73
- 250) *Warm terrestrial planet with half the mass of Venus transiting a nearby star*, Demangeon, O. D. S., Zapatero Osorio, M. R., Alibert, Y., et al., 2021, *A & A*, 653, A41
- 249) *The probabilistic random forest applied to the selection of quasar candidates in the QUBRICS survey*, Guarneri, F., Calderone, G., Cristiani, S., et al., 2021, *MNRAS.tmp*,
- 248) *Less and more IGM-transmitted galaxies from  $z \sim 2.7$  to  $z \sim 6$  from VANDELS and VUDS*, Thomas, R., Pentericci, L., Le Fevre, O., et al., 2021, *A & A*, 650, A63
- 247) *The Luminosity Function of Bright QSOs at  $z \sim 4$  and Implications for the Cosmic Ionizing Back-*

ground, Boutsia, K., Grazian, A., Fontanot, F., et al., 2021, *ApJ*, 912, 111

246) Six transiting planets and a chain of Laplace resonances in TOI-178, Leleu, A., Alibert, Y., Hara, N. C., et al., 2021, *A & A*, 649, A26

245) A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130), Sozzetti, A., Damasso, M., Bonomo, A. S., et al., 2021, *A & A*, 648, A75

244) The VANDELS ESO public spectroscopic survey. Final data release of 2087 spectra and spectroscopic measurements, Garilli, B., McLure, R., Pentericci, L., et al., 2021, *A & A*, 647, A150

243) The atmosphere of HD 209458b seen with ESPRESSO. No detectable planetary absorptions at high resolution, Casasayas-Barris, N., Palle, E., Stangret, M., et al., 2021, *A & A*, 647, A26

242) ESPRESSO high-resolution transmission spectroscopy of WASP-76 b, Tabernero, H. M., Zapatero Osorio, M. R., Allart, R., et al., 2021, *A & A*, 646, A158

241) Fundamental physics with ESPRESSO: Towards an accurate wavelength calibration for a precision test of the fine-structure constant, Schmidt, T. M., Molaro, P., Murphy, M. T., et al., 2021, *A & A*, 646, A144

240) The MUSE Deep Lensed Field on the Hubble Frontier Field MACS J0416. Star-forming complexes at cosmological distances, Vanzella, E., Caminha, G. B., Rosati, P., et al., 2021, *A & A*, 646, A57

239) ESPRESSO at VLT. On-sky performance and first results, Pepe, F., **Cristiani, S.**, Rebolo, R., et al., 2021, *A & A*, 645, A96

238) Atmospheric Rossiter-McLaughlin effect and transmission spectroscopy of WASP-121b with ESPRESSO, Borsa, F., Allart, R., Casasayas-Barris, N., et al., 2021, *A & A*, 645, A24

237) WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO, Allart, R., Pino, L., Lovis, C., et al., 2020, *A & A*, 644, A155

236) Realization of the ESO-VLT ESPRESSO instrument control electronics, Baldini, V., Coretti, I., Calderone, G., et al., 2020, *JATIS*, 6, 049001

235) Broadband transmission spectroscopy of HD 209458b with ESPRESSO: evidence for Na, TiO, or both, Santos, N. C., Cristo, E., Demangeon, O., et al., 2020, *A & A*, 644, A51

234) K2-111: an old system with two planets in near-resonance, Mortier, A., Zapatero Osorio, M. R., Malavolta, L., et al., 2020, *MNRAS*, 499, 5004

233) The Spectroscopic Follow-up of the QUBRICS Bright Quasar Survey, Boutsia, K., Grazian, A., Calderone, G., et al., 2020, *ApJS*, 250, 26

232) A precise architecture characterization of the  $\pi$  Mensae planetary system, Damasso, M., Sozzetti, A., Lovis, C., et al., 2020, *A & A*, 642, A31

231) Probing the circumstellar medium 2.8 Gyr after the big bang: detection of Bowen fluorescence in the Sunburst arc, Vanzella, E., Meneghetti, M., Pastorello, A., et al., 2020, *MNRAS*, 499, L67

230) Characterization of the K2-38 planetary system. Unraveling one of the densest planets known to date, Toledo-Padron, B., Lovis, C., Suarez Mascareno, A., et al., 2020, *A & A*, 641, A92

229) Damped Lyman- $\alpha$  absorbers and atomic hydrogen in galaxies: the view of the GAFA model, Gioia,

- S. D., **Cristiani, S.**, De Lucia, G., et al., 2020, *MNRAS*, 497, 2469
- 228) *On the AGN Nature of Two UV-bright Sources at  $z \sim 5.5$  in the CANDELS Fields: An Update on the AGN Space Density at  $M_{1450} \sim -22.5$* , Grazian, A., Giallongo, E., Fiore, F., et al., 2020, *ApJ*, 897, 94
- 227) *Revisiting Proxima with ESPRESSO*, Suarez Mascareno, A., Faria, J. P., Figueira, P., et al., 2020, *A & A*, 639, A77
- 226) *The Rise of Active Galactic Nuclei in the Galaxy Evolution and Assembly semi-analytic model*, Fontanot, F., De Lucia, G., Hirschmann, M., et al., 2020, *MNRAS*, 496, 3943
- 225) *Nightside condensation of iron in an ultrahot giant exoplanet*, Ehrenreich, D., Lovis, C., Allart, R., et al., 2020, *Nature*, 580, 597
- 224) *Candidate Population III stellar complex at  $z = 6.629$  in the MUSE Deep Lensed Field*, Vanzella, E., Meneghetti, M., Caminha, G. B., et al., 2020, *Mont. Not. R. Astr. Soc.*, 494, L81
- 223) *The intergalactic medium transmission towards  $z > 4$  galaxies with VANDELS and the impact of dust attenuation*, Thomas, R., Pentericci, L., Le Fevre, O., et al., 2020, *A & A*, 634, A110
- 222) *Ionizing the intergalactic medium by star clusters: the first empirical evidence*, Vanzella, E., Caminha, G. B., Calura, F., et al., 2020, *MNRAS*, 491, 1093
- 221) *Serendipitous discovery of a brightening quasar at redshift  $z = 3.68$* , Selman, F. J., Bian, F., Blanchard, I., et al., 2020, *AN*, 341, 26
- 220) *ESPRESSO highlights the binary nature of the ultra-metal-poor giant HE 0107-5240*, Bonifacio, P., Molaro, P., Adibekyan, V., et al., 2020, *A & A*, 633, A129
- 219) *Finding the Brightest Cosmic Beacons in the Southern Hemisphere*, Calderone, G., Boutsia, K., Cristiani, S., et al., 2019, *ApJ* 887, 268
- 218) *Lyman continuum escape fraction and mean free path of hydrogen ionizing photons for bright  $z \sim 4$  QSOs from SDSS DR14*, Romano, M., Grazian, A., Giallongo, E., et al., 2019, *A & A*, 632, A45
- 217) *The MUSE Ultra Deep Field (MUDF). II. Survey design and the gaseous properties of galaxy groups at  $0.5 < z < 1.5$* , Fossati, M., Fumagalli, M., Lofthouse, E. K., et al., 2019, *Mont. Not. R. Astr. Soc.*, 490, 1451
- 216) *Space Densities and Emissivities of Active Galactic Nuclei at  $z > 4$* , Giallongo, E., Grazian, A., Fiore, F., et al., 2019, *ApJ*, 884, 19
- 215) *Catalog for the ESPRESSO blind radial velocity exoplanet survey*, Hojjatpanah, S., Figueira, P., Santos, N. C., et al., 2019, *A & A*, 629, A80
- 214) *Ionising the Intergalactic Medium by Star Clusters? The first empirical evidence.*, Vanzella, E., Caminha, G. B., Calura, F., et al. 2020, *Mont. Not. R. Astr. Soc.*, 491, 1093
- 213) *The MUSE Ultra Deep Field (MUDF) - I. Discovery of a group of Lyman- $\alpha$  nebulae associated with a bright  $z \sim 3.23$  quasar pair*, Lusso, E., Fumagalli, M., Fossati, M., et al. 2019, *Mont. Not. R. Astr. Soc.*, 485, L62
- 212) *CANDELSz7: a large spectroscopic survey of CANDELS galaxies in the reionization epoch*, Penter-

icci, L., Vanzella, E., Castellano, M., et al. 2018, *A & A*, 619, A147

211) Spectroscopic Investigation of a Reionized Galaxy Overdensity at  $z = 7$ , Castellano, M., Pentericci, L., Vanzella, E., et al. 2018, *ApJ*, 863, L3

210) Witnessing Galaxy Assembly at the Edge of the Reionization Epoch, D'Odorico, V., Feruglio, C., Ferrara, A., et al. 2018, *ApJ*, 863, L29

209) The dense molecular gas in the  $z \sim 6$  QSO SDSS J231038.88+185519.7 resolved by ALMA, Feruglio, C., Fiore, F., Carniani, S., et al. 2018, *A & A*, 619, A39

208) The VANDELS ESO public spectroscopic survey: Observations and first data release, Pentericci, L., McLure, R. J., Garilli, B., et al. 2018, *A & A*, 616, A174

207) Hunting for metals using XQ-100 Legacy Survey composite spectra, Perrotta, S., D'Odorico, V., Hamann, F., **Cristiani, S.**, et al. 2018, *Mont. Not. R. Astr. Soc.*, 481, 105

206) The VANDELS ESO public spectroscopic survey, McLure, R. J., Pentericci, L., Cimatti, A., et al. 2018, *Mont. Not. R. Astr. Soc.*, 479, 25

205) The contribution of faint AGNs to the ionizing background at  $z \sim 4$ , Grazian, A., Giallongo, E., Boutsia, K., et al. 2018, *A & A*, 613, A44

204) Direct Lyman continuum and Lyman-alpha escape observed at redshift 4, Vanzella, E., Nonino, M., Cupani, G., et al. 2018, *Mont. Not. R. Astr. Soc.*, 476, L15

203) VLT/FORS2 view at  $z \sim 6$ : Lyman-alpha emitter fraction and galaxy physical properties at the edge of the epoch of cosmic reionization, De Barros, S., Pentericci, L., Vanzella, E., et al. 2017, *A & A*, 608, A123

202) New constraints on the free-streaming of warm dark matter from intermediate and small scale Lyman-alpha forest data, Iršič, V., Viel, M., Haehnelt, M. G., et al. 2017, *Phys. Rev. D* 96, 023522

201) Constraints on the Lyman continuum escape fraction for faint star forming galaxies, Japelj, J., Vanzella, E., Fontanot, F., **Cristiani, S.**, Caminha, G. B., Tozzi, P., Balestra, I., Rosati, P., Meneghetti, M., 2017, *MNRAS* 468, 389

200) Paving the way for the JWST: witnessing globular cluster formation at  $z > 3$  Vanzella, E., Calura, F., Meneghetti, M., et al. 2017, *Mont. Not. R. Astr. Soc.*, 467, 4304

199) Magnifying the Early Episodes of Star Formation: Super Star Clusters at Cosmological Distances, Vanzella, E., Castellano, M., Meneghetti, M., et al. 2017, *ApJ*, 842, 47

198) Lyman continuum escape fraction of faint galaxies at  $z \sim 3.3$  in the CANDELS/GOODS-North, EGS, and COSMOS fields with LBC, Grazian, A., Giallongo, E., Paris, D., et al. 2017, *A & A*, 602, A18

197) The Lyman-alpha forest power spectrum from the XQ-100 Legacy Survey, Iršič, V., Viel, M., Berg, T. A. M., D'Odorico, V., Haehnelt, M., **Cristiani, S.**, et al. 2017, *Mont. Not. R. Astr. Soc.*, 466, 4332

196) Exploring the Thermal State of the Low-Density Intergalactic Medium at  $z=3$  with an Ultra-High Signal-to-Noise QSO Spectrum, Rorai, A., Becker, G. D., Haehnelt, M. G., et al. 2017, *Mont. Not. R. Astr. Soc.*, 466, 2690

- 195) *Optical Line Emission from  $z \sim 6.8$  Sources with Deep Constraints on  $Ly_\alpha$  Visibility*, Castellano, M., Pentericci, L., Fontana, A., et al. 2017, *ApJ*, 839, 73
- 194) *Dark energy constraints from ESPRESSO tests of the stability of fundamental couplings*, Leite, A.C.O., Martins, C., Molaro, P., Corre, D., **Cristiani, S.**, 2016, *Phys. Rev. D* 94, 123512
- 193) *Metals in the  $z \sim 3$  intergalactic medium: results from an ultra-high signal-to-noise ratio UVES quasar spectrum*, D’Odorico, V., **Cristiani, S.**, Pomante, E., et al. 2016, *Mont. Not. R. Astr. Soc.*, 463, 2690
- 191) *Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey*, Perrotta, S., D’Odorico, V., Prochaska, J. X., et al. 2016, *Mont. Not. R. Astr. Soc.*, 462, 3285
- 190) *The spectral slope and escape fraction of bright quasars at  $z \sim 3.8$ : the contribution to the cosmic UV background*, **Cristiani, S.**, Serrano, L. M., Fontanot, F., Vanzella, E., & Monaco, P. 2016, *Mont. Not. R. Astr. Soc.*, 462, 2478
- 189) *XQ-100: A legacy survey of one hundred  $3.5 < z < 4.5$  quasars observed with VLT/X-shooter*, López, S., D’Odorico, V., Ellison, S. L., et al. 2016, *A & A*, 594, A91
- 188) *Tracing the Reionization Epoch with ALMA: [C II] Emission in  $z \sim 7$  Galaxies*, Pentericci, L., Carniani, S., Castellano, M., et al. 2016, *ApJL*, 829, L11
- 187) *Are long gamma-ray bursts biased tracers of star formation? Clues from the host galaxies of the Swift/BAT6 complete sample of bright LGRBs. II. Star formation rates and metallicities at  $z < 1$* , Japelj, J., Vergani, S. D., Salvaterra, R., et al. 2016, *A & A*, 590, A129
- 186) *Triple-ionized carbon associated with the low-density neutral hydrogen gas at  $1.7 < z < 3.3$ : the integrated  $N_{\text{HI}} - N_{\text{CIV}}$  relation*, Kim, T.-S., Carswell, R. F., Mongardi, C., et al. 2016, *Mont. Not. R. Astr. Soc.*, 457, 2005
- 185) *High-resolution Spectroscopy of a Young, Low-metallicity Optically Thin  $L = 0.02L^*$  Star-forming Galaxy at  $z = 3.12$* , Vanzella, E., De Barros, S., Cupani, G., et al. 2016, *ApJL*, 821, L27
- 184) *First Observational Support for Overlapping Reionized Bubbles Generated by a Galaxy Overdensity*, Castellano, M., Dayal, P., Pentericci, L., et al. 2016, *ApJL*, 818, L3
- 183) *Faint AGNs at  $z > 4$  in the CANDELS GOODS-S field: looking for contributors to the reionization of the Universe*, Giallongo, E., Grazian, A., Fiore, F., et al. 2015, *A & A*, 578, A83
- 182) *ALMA constraints on the faint millimetre source number counts and their contribution to the cosmic infrared background*, Carniani, S., Maiolino, R., De Zotti, G., et al. 2015, *A & A*, 584, A78
- 181) *The assembly of ‘normal’ galaxies at  $z \sim 7$  probed by ALMA* Maiolino, R., Carniani, S., Fontana, A., et al. 2015, *Mont. Not. R. Astr. Soc.*, 452, 54
- 180) *New Observations of  $z \sim 7$  Galaxies: Evidence for a Patchy Reionization*, Pentericci L., Vanzella E., Fontana A., et al. 2014, *ApJ*, 793, 113
- 179) *A 52 hours VLT/FORS2 spectrum of a bright  $z \sim 7$  HUDF galaxy: no Ly-alpha emission*, Vanzella E., Fontana A., Pentericci L., et al. 2014, *A & A*, 569, 78
- 178) *Characterizing Faint Galaxies in the Reionization Epoch: LBT Confirms Two  $L_j 0.2 L_{\text{starf}}$  Sources*

at  $z = 6.4$  Behind the CLASH/Frontier Fields Cluster MACS0717.5+3745, Vanzella, E., Fontana, A., Zitrin, A., et al. 2014, *ApJL*, 783, L12

177) On the evolution of the cosmic ionizing background, Fontanot, F., Cristiani, S., Pfrommer, C., Cupani, G., Vanzella, E. 2014, *Mont. Not. R. Astr. Soc.*, 438, 2097

176) ESPRESSO: The next European exoplanet hunter, Pepe, F., Molaro, P., Cristiani, S., et al. 2014, *Astronomische Nachrichten*, 335, 8

175) The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment, Ahn, C.P., Alexandroff, R., Allende Prieto, C., et al. 2014, *ApJS*, 211, 17

174) Metals in the IGM approaching the re-ionization epoch: results from X-shooter at the VLT, D’Odorico, V., Cupani, G., Cristiani, S., et al. 2013, *Mont. Not. R. Astr. Soc.*, 435, 1198

173) Galactic winds in cosmological simulations of the circumgalactic medium, Barai, P., Viel, M., Borgani, S., Tescari, E., Tornatore, L., Dolag, K., Killeddar, M., Monaco, P., D’Odorico, V., Cristiani, S., 2013, *Mont. Not. R. Astr. Soc.*, 430, 3213

172) On the relative Contribution of high-redshift Galaxies and Active Galactic Nuclei to Reionization, Fontanot, F., Cristiani, S., Vanzella, E., 2012, *Mont. Not. R. Astr. Soc.*, 425, 1413

171) The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey, SDSS-III Collaboration: Christopher P. Ahn, Alexandroff, R., Allende Prieto, C., et al. 2012, *ApJS*, 203, 21

170) Probing ionizing radiation of  $L \lesssim 0.1 L^*$  star-forming galaxies at  $z \gtrsim 3$  with strong lensing, Vanzella, E., Nonino, M., Cristiani, S., et al. 2012, *Mont. Not. R. Astr. Soc.*, 424, L54

169) On The Detection Of Ionizing Radiation Arising From Star-Forming Galaxies At Redshift  $z \sim 3 - 4$ : Looking for Analogs of "Stellar Reionizers", Vanzella, E., Guo, Y., Giavalisco, M., Grazian, A., Castellano, M., Cristiani, S., et al. 2012, *ApJ*, 751, 70

168) The Lyman alpha forest flux probability distribution at  $z > 3$ , Calura, F., Tescari, E., D’Odorico, V., Viel, M., Cristiani, S., Kim, T.-S., Bolton, J. S., 2012, *Mont. Not. R. Astr. Soc.*, 422, 3019

167) On the Evolution of the Star Formation Rate Function of Massive Galaxies. Constraints at  $0.4 < z < 1.8$  from the GOODS-MUSIC Catalogue, Fontanot, F., Cristiani, S., Santini, P., et al. 2012, *Mont. Not. R. Astr. Soc.*, 421, 241

166) The blue UV slopes of  $z \sim 4$  Lyman break galaxies: implications for the corrected star formation rate density, Castellano, M., Fontana, A., Grazian, A., et al. 2012, *A & A*, 540, A39

165) Spectroscopic confirmation of  $z \sim 7$  LBGs: probing the earliest galaxies and the epoch of reionization, Pentericci, L., Fontana, A., Vanzella, E., et al. 2011, *ApJ*, 743, 132

164) When two become one: an apparent QSO pair turns out to be a single quasar, Cupani, G., Cristiani, S., D’Odorico, V., Milvang-Jensen, B., Krogager, J.-K., 2011, *A & A*, 529, 99

163) Optical-NIR spectra of quasars close to reionization ( $z \sim 6$ ), D’Odorico, V., et al. 2011, *AN* 332, 315



- 162) *X-shooter observations of QSO pairs*, Cupani G., D’Odorico V., **Cristiani, S.**, Viel M., Vanzella E., 2011, *AN* 332, 319
- 161) *Spectroscopic confirmation of two Lyman break galaxies at redshift beyond 7*, Vanzella, E., Pentericci, L., Fontana, A., Grazian, A., Castellano, M., Boutsia, K., **Cristiani, S.**, Dickinson, M., Gallozzi, S., Giallongo, E., Giavalisco, M., Maiolino, R., Moorwood, A., Paris, D., Santini, P., 2011, *ApJ*, 730, L35
- 160) *The bright end of the  $z \sim 7$  UV Luminosity Function from a wide and deep HAWK-I survey*, Castellano M., Fontana A., Paris D., et al. 2010, *A&A* 524, 28
- 159) *Cosmic evolution of the CIV in high-resolution hydrodynamic simulations*, Tescari, E., Viel, M., D’Odorico, V., **Cristiani, S.**, Calura, F., Borgani, S., & Tornatore, L. 2011, *Mont. Not. R. Astr. Soc.*, 411, 826
- 158) *The lack of intense Lyman alpha in ultradeep spectra of  $z=7$  candidates in GOODS-S: imprint of reionization?*, Fontana, A., et al. 2010, *ApJL* 725, L205
- 157) *The Great Observatories Origins Deep Survey: Constraints on the Lyman Continuum Escape Fraction Distribution of Lyman-Break Galaxies at  $3.4 < z < 4.5$* , Vanzella, E., et al. 2010, *ApJ*, 725, 1011
- 156) *High-resolution spectroscopy of the 3D cosmic web with close QSO groups*, Cappetta, M., D’Odorico, V., **Cristiani, S.**, Saitta, F., & Viel, M. 2010, *Mont. Not. R. Astr. Soc.*, 407, 1290
- 155) *The unusual NIV]-emitter galaxy GDS J033218.92-275302.7: star formation or AGN-driven winds from a massive galaxy at  $z=5.56$* , Vanzella, E., Grazian, A., Hayes, M., Pentericci, L., Schaerer, D., Dickinson, M., **Cristiani, S.**, Giavalisco, M., Verhamme, A., Nonino, M., Rosati, P., 2010, *A & A*, 513, A20
- 154) *The Great Observatories Origins Deep Survey - VLT/VIMOS Spectroscopy in the GOODS-South Field: Part II* Balestra, I., Mainieri, V., Popesso, P., Dickinson, M., Nonino, M., Rosati, P., Teimoorinia, H., Vanzella, E., **Cristiani, S.**, Cesarsky, C., Fosbury, R. A. E., Kuntschner, H., Rettura, A., the GOODS team et al. 2010, *A & A*, 512, A12
- 153) *Contamination on Lyman continuum emission at  $z \geq 3$ : implication on the ionising radiation evolution*, Vanzella, E., Siana, B., **Cristiani, S.**, Nonino, M., 2010, *MNRAS*, 404, 1672
- 152) *The rise of the CIV mass density at  $z < 2.5$* , D’Odorico, V., Calura, F., **Cristiani, S.**, Viel, M., 2010, *Mont. Not. R. Astr. Soc.*, 401, 2715
- 151) *Evidence for a fast evolution of the UV luminosity function beyond redshift 6 from a deep HAWK-I survey of the GOODS-S field*, Castellano, M., Fontana, A., Boutsia, K., Grazian, A., Pentericci, L., Bouwens, R., Dickinson, M., Giavalisco, M., Santini, P., **Cristiani, S.**, Fiore, F., Gallozzi, S., Giallongo, E., Maiolino, R., Mannucci, F., Menci, N., Moorwood, A., Nonino, M., Paris, D., Renzini, A., Rosati, P., Salimbeni, S., Vanzella, E., 2010, *A&A*, 511, 20
- 150) *Faint Lyman-Break galaxies as a crucial test for galaxy formation models*, Lo Faro, B., Monaco, P., Vanzella, E., Fontanot, F., Silva, L., **Cristiani, S.**, 2009, *MNRAS* 399, 827
- 149) *Deep U Band and R Imaging of Goods-South: Observations, Data Reduction and First Results*, Nonino, M., et al. 2009, *ApJS* 183, 244

- 148) *A Comprehensive Study of Large Scale Structures in the GOODS-SOUTH Field up to  $z \sim 2.5$* , Salimbeni, S., Castellano, M., Pentericci, L., Trevese, D., Fiore, F., Grazian, A., Fontana, A., Giallongo, E., Boutsia, K., **Cristiani, S.**, De Santis, C., Gallozzi, S., Menci, N., Nonino, M., Paris, D., Santini, P., Vanzella, E., 2009, *A&A* 501, 865
- 147) *Star formation and mass assembly in high redshift galaxies*, Santini, P., Fontana, A., Grazian, A., Salimbeni, S., Fiore, F., Fontanot, F., Boutsia, K., Castellano, M., **Cristiani, S.**, De Santis, C., Gallozzi, S., Giallongo, E., Menci, N., Nonino, M., Paris, D., Pentericci, L., Vanzella, E., 2009 *A&A* 504, 751
- 146) *Spectroscopic Observations of Lyman-Break Galaxies at Redshift 4, 5 and 6 in the GOODS-South Field*, Vanzella, E., Giavalisco, M., Dickinson, M., **Cristiani, S.**, Nonino, M., Kuntschner, H., Popesso, P., Rosati, P., Renzini, A., Stern, D., Cesarsky, C., Ferguson, H. C., Fosbury, R. A. E., the GOODS Team, 2009, *ApJ*, 695, 1163
- 145) *The Fraction of Quiescent Massive Galaxies in the Early Universe* Fontana, A., Santini, P., Grazian, A., Pentericci, L., Fiore, F., Castellano, M., Giallongo, E., Menci, N., Salimbeni, S., **Cristiani, S.**, Nonino, M., Vanzella, E., 2009, *A&A* 501, 15
- 144) *The QSO proximity effect at redshift  $z \geq 2.6$  with the FLO approach* V. D'Odorico, M. Bruscoli, F. Saitta, F. Fontanot, M. Viel, **Cristiani, S.**, P. Monaco 2008, *MNRAS* 389, 1727
- 143) *Cosmic dynamics in the era of Extremely Large Telescopes*, Liske, J., Grazian, A., Vanzella, E., Dessauges, M., Viel, M., Pasquini, L., Haehnelt, M., **Cristiani, S.**, Pepe, F., Avila, G., Bonifacio, P., Bouchy, F., Dekker, H., Delabre, B., D'Odorico, S., D'Odorico, V., Levshakov, S., Lovis, C., Mayor, M., Molaro, P., Moscardini, L., Murphy, M. T., Queloz, D., Shaver, P., Udry, S., Wiklind, T., Zucker, S., 2008, *MNRAS* 386, 1192
- 142) *The Great Observatories Origins Deep Survey. VLT/VIMOS Spectroscopy in the GOODS-South Field* Popesso, P., Dickinson, M., Nonino, M., Vanzella, E., Daddi, E., Fosbury, R. A. E., Kuntschner, H., Mainieri, V., **Cristiani, S.**, Cesarsky, C., Giavalisco, M., Renzini, A., the GOODS Team A & A, submitted, 2009, *A&A* 494, 443
- 141) *Tracing the gas at redshift 1.7-3.5 with the Lyman-alpha forest: the FLO approach* Saitta F., D'Odorico V., Bruscoli M., **Cristiani, S.**, Monaco P., Viel M., 2008, *MNRAS* 385, 519
- 140) *A Population of Faint Extended Line Emitters and the Host Galaxies of Optically Thick QSO Absorption Systems*, Rauch M., Haehnelt M., Bunker A., Becker G., Marleau F., Graham J., **Cristiani, S.**, Jarvis M.J., Lacey C., Morris S., Peroux C., Roettgering H., Theuns T., 2008, *ApJ*, 681, 856
- 139) *The Great Observatories Origins Deep Survey. VLT/FORS2 Spectroscopy in the GOODS-South Field: Part III* Vanzella E., **Cristiani, S.**, Dickinson M., Giavalisco M., Kuntschner H., Haase J., Nonino M., Rosati P., Cesarsky C., Ferguson H.C., Fosbury R.A.E., Grazian A., Moustakas L. A., Rettura A., Popesso P., Renzini A., Stern D., the GOODS Team, 2008, *A & A*, 478, 83
- 138) *The red and blue galaxy populations in the GOODS field: evidence for an excess of red dwarfs* Salimbeni S., Giallongo E., Menci N., Castellano M., Fontana A., Grazian A., Pentericci L., Trevese

- D., **Cristiani, S.**, Nonino M., Vanzella E., 2008, *A & A*, 477, 763
- 138) *The CODEX-ESPRESSO experiment: cosmic dynamics, fundamental physics, planets and much more...*, **Cristiani, S.**, G. Avila, P. Bonifacio, F. Bouchy, B. Carswell, S. D’Odorico, D’Odorico V., B. Delabre, H. Dekker, M. Dessauges, P. Dimarcantonio, R. Garcia-Lopez, Grazian A., M. Haehnelt, J. M. Herreros, G. Israelian, S. Levshakov, J. Liske, C. Lovis, A. Manescau, E. Martin, M. Mayor, D. Megevand, P. Molaro, M. Murphy, L. Pasquini, F. Pepe, J. Perez, D. Queloz, R. Rebolo, P. Santin, P. Shaver, P. Span, S. Udry, Vanzella E., Viel M., M. R. Zapatero, F. Zerbi, S. Zucker, to appear in the proceedings of ‘A Century of Cosmology’, S. Servolo, August 2007, *Il Nuovo Cimento*, 122, 1165
- 137) *A Photometrically Detected Forming Cluster of Galaxies at Redshift 1.6 in the GOODS Field Castellano M.*, Salimbeni S., Trevese D., Grazian A., Pentericci L., Fiore F., Fontana A., Giallongo E., Santini P., **Cristiani, S.**, Nonino M., Vanzella E., 2007, *ApJ*, 671, 1497
- 136) *Black Hole Masses and Eddington Ratios of AGNs at  $z < 1$ : Evidence of Retriggering for a Representative Sample of X-Ray-selected AGNs*, Ballo L., **Cristiani, S.**, Fasano G., Fontanot F., Monaco P., Nonino M., Pignatelli E., Tozzi P., Vanzella E., Fontana A., Giallongo E., Grazian A., Danese L., 2007, *ApJ*, 667, 97
- 135) *A comparison among LBGs, DRGs and BzK galaxies: their contribution to the stellar mass density in the GOODS-MUSIC sample* Grazian A., Salimbeni S., Pentericci L., Fontana A., Nonino M., Vanzella E., **Cristiani, S.**, C. De Santis, S. Gallozzi, Giallongo E., Santini, 2007, *A & A*, 465, 393
- 134) *The luminosity function of high-redshift quasi-stellar objects. A combined analysis of GOODS and SDSS* Fontanot F., **Cristiani, S.**, Monaco P., Nonino M., Vanzella E., Brandt W. N., Grazian A., Mao J., 2007, *A & A*, 461, pp.39-48
- 133) *The effect of stellar feedback and quasar winds on the AGN population* Fontanot F., Monaco P., **Cristiani, S.**, Tozzi P., 2006, *MNRAS* 373, pp. 1173-1187
- 132) *The Galaxy Mass Function up to  $z=4$  in the GOODS-MUSIC sample: into the epoch of formation of massive galaxies* Fontana A., Salimbeni S., Grazian A., Giallongo E., Pentericci L., Nonino M., Fontanot F., Menci N., Monaco P., **Cristiani, S.**, Vanzella E., De Santis C., Gallozzi S., 2006, *A & A*, 459, pp.745-757
- 131) *Tomography of the intergalactic medium with Ly-alpha forests in close QSO pairs* D’Odorico V., Viel M., Saitta F., **Cristiani, S.**, Bianchi S., Boyle B., Lopez S., Maza J., Outram P., 2006, *MNRAS* 372, pp. 1333-1344
- 130) *On the radio properties of the highest redshift quasars* Cirasuolo M., Magliocchetti M., Gentile G., Celotti A., **Cristiani, S.**, Danese L. 2006, *MNRAS* 371, 695
- 129) *The Clustering Evolution of Distant Red Galaxies in the GOODS-MUSIC Sample* Grazian A., Fontana A., L. Moscardini, Salimbeni S., Menci N., Giallongo E., C. De Santis, S. Gallozzi, Nonino M., **Cristiani, S.**, Vanzella E., 2006 *A & A*, 453, 507
- 128) *The GOODS-MUSIC sample: a multicolour catalog of near-IR selected galaxies in the GOODS-South field*, Grazian A., Fontana A., De Santis C., Nonino M., Salimbeni S., Giallongo E., **Cristiani,**

- S., Gallozzi S. and Vanzella E., 2006, *A & A*, 449, 951
- 127) *The Great Observatories Origins Deep Survey VLT/FORS2 Spectroscopy in the GOODS-South Field: Part II* Vanzella E., **Cristiani, S.**, Dickinson M., Kuntschner H., Nonino M., Rettura A., Rosati P., J. Vernet, Cesarsky C., Ferguson H.C., Fosbury R.A.E., Giavalisco M., Haase J., Moustakas L. A., Popesso P., Renzini A., Stern D., the GOODS Team 2006, *A & A*, 454, 423
- 126) *Cosmic evolution of the galaxy mass and luminosity functions by morphological type from multi-wavelength data in the CDF-South* A. Franceschini, G. Rodighiero, P. Cassata, S. Berta, M. Vaccari, Nonino M., Vanzella E., E. Hatziminaoglou, J. Antichi, **Cristiani, S.**, 2006 *A & A*, 453, 397
- 125) *Probing the evolution of the near-IR luminosity function of galaxies to  $z \sim 3$  in the Hubble Deep Field South* Saracco P., A. Fiano, G. Chincarini, Vanzella E., M. Longhetti, **Cristiani, S.**, Fontana A., Giallongo E., Nonino M. 2006, *MNRAS* 367, 349
- 124) *The K20 survey VII. The spectroscopic catalogue: Spectral properties and evolution of the galaxy population* Mignoli M., Cimatti, A., Zamorani, G., Pozzetti, L., Daddi, E., Renzini A., Broadhurst, T., **Cristiani, S.**, D'Odorico, S., Fontana A., Giallongo E., Gilmozzi R., Menci N., Saracco P. 2005, *A & A*, 437, 883-897
- 123) *The B-Band Luminosity Function of Red and Blue Galaxies up to  $z=3.5$* , Giallongo E., Salimbeni S., Menci N., G. Zamorani, Fontana A., Dickinson M., **Cristiani, S.**, L. Pozzetti, 2005, *ApJ*, 622, 116
- 122) *The Great Observatories Origins Deep Survey - VLT/FORS2 Spectroscopy in the GOODS-South Field*, Vanzella E., **Cristiani, S.**, Dickinson M., Kuntschner H., Moustakas L. A., Nonino M., Rosati P., Stern D., Cesarsky C., S. Ettori, Ferguson H.C., Fosbury R.A.E., Giavalisco M., Haase J., Renzini A., Rettura A., P. Serra, 2005, *A & A*, 434, 53
- 121) *Obscured AGN and the X-ray, Optical and Far-Infrared Number Counts of AGN in the GOODS Fields*, Treister E., C. M. Urry, E. Chatzichristou, F. Bauer, D. M. Alexander, A. Koekemoer, J. Van Dwyne, W. N. Brandt, J. Bergeron, Stern D., Moustakas L. A., R. Chary, C. Conselice, **Cristiani, S.**, N. Grogan, 2004, *ApJ*, 616, 123
- 120) *Classical and MgII-selected Damped Lyman-alpha Absorbers: impact on  $\Omega_{HI}$  at  $z < 1.7$* , Peroux C., Deharveng J.-M., Le Brun V., **Cristiani, S.**, 2004, *MNRAS* 352, 1291
- 119) *Old Galaxies in the Young Universe*, A. Cimatti, E. Daddi, Renzini A., P. Cassata, Vanzella E., L. Pozzetti, **Cristiani, S.**, Fontana A., G. Rodighiero, M. Mignoli, G. Zamorani, 2004, *Nature* 430, 184
- 118) *The K20 survey. VI. The Distribution of the Stellar Masses in Galaxies up to  $z \sim 2$* , Fontana A., L. Pozzetti, I. Donnarumma, Renzini A., A. Cimatti, G. Zamorani, Menci N., E. Daddi, Giallongo E., M. Mignoli, C. Perna, Salimbeni S., P. Saracco, T. Broadhurst, **Cristiani, S.**, S. D'Odorico, R. Gilmozzi, 2004, *A & A*, 424, 23
- 117) *Chemical abundances in quasar host galaxies and environments from narrow absorption line systems*, D'Odorico V., **Cristiani, S.**, Romano D., Granato G.L., Danese L., 2004, *MNRAS* 351, 976
- 116) *The Great Observatories Origins Deep Survey: Initial Results from Optical and Near-Infrared Imaging*, Giavalisco M. et al., 2004, *ApJ*, 600, L93

- 115) *Photometric redshifts with the Multilayer Perceptron Neural Network: application to the HDF-S and SDSS*, Vanzella E., **Cristiani, S.**, Fontana A., Nonino M., S. Arnouts, Giallongo E., Grazian A., G. Fasano, Popesso P., P. Saracco, S. Zaggia, 2004, *A & A*, 423, 761
- 114) *The Space Density of High-Redshift QSOs in the GOODS Survey*, **Cristiani, S.**, Alexander D.M., Bauer F., Brandt W.N., Chatzichristou E.T., Fontanot F., Grazian A., Koekemoer A., Lucas R.A., Monaco P., Nonino M., Padovani P., Stern D., Tozzi P., Treister E., Urry C.M., Vanzella E., 2004, *ApJ*, 600, L119
- 113) *High-z massive galaxies in the HDF-South*, Saracco P., Longhetti M., Giallongo E., Arnouts S., **Cristiani, S.**, D'Odorico S., Fontana A., Nonino M., Vanzella E., 2003, *A & A*, 420, 125
- 112) *Color-selected galaxies at  $z \sim 6$  in the Great Observatories Origins Deep Survey*, Dickinson M., Stern D., Giavalisco M., Ferguson H.C., Tsvetanov Z., Chornock R., **Cristiani, S.**, Dawson S., Dey A., Filippenko A.V., Moustakas L.A., Nonino M., Papovich C., Ravindranath S., Riess A., Rosati P., Spinrad H., Vanzella E., 2004, *ApJ*, 600, L99
- 111) *Photometric Redshifts for Galaxies in the GOODS Southern Field*, Mobasher B., Idzi R., Benitez N., Cimatti A., **Cristiani, S.**, Daddi E., Dahlen T., Dickinson M., Erben T., Ferguson H.C., Giavalisco M., Grogin N.A., Koekemoer A.M., Mignoli M., Moustakas L.A., Nonino M., Rosati P., Schirmer M., Stern D., Vanzella E., Wolf C., Zamorani G., 2004, *ApJ*, 600, L167
- 110) *The power spectrum of the flux distribution in the Lyman-alpha forest of a Large sample of UVES QSO Absorption Spectra (LUQAS)*, Kim T.-S., Viel M., Haehnelt M.G., Carswell R.F., **Cristiani, S.**, 2004, *MNRAS* 347, 355 (erratum 351, 1471)
- 109) *The assembly of massive galaxies from NIR observations of the Hubble Deep Field South*, Fontana A., I. Donnarumma, E. Vanzella, Giallongo E., Menci N., Nonino M., P. Saracco, S. **Cristiani, S.**, D'Odorico, F. Poli, 2003, *ApJ*, 594, L9
- 108) *The evolution of the galaxy luminosity function in the rest frame blue band up to  $z = 3.5$* , F. Poli, Giallongo E., A. Fontana, Menci N., G. Zamorani, Nonino M., P. Saracco, E. Vanzella, I. Donnarumma, Salimbeni S., A. Cimatti, **Cristiani, S.**, E. Daddi, S. D'Odorico, M. Mignoli, L. Pozzetti, Renzini A. 2003, *ApJ*, 593, L1
- 107) *A Possible new Population of Sources with Extreme X-ray/Optical ratios* Koekmoer A.M., Alexander D.M., Bauer F., Bergeron J., Brandt W. N., Chatzichristou E., **Cristiani, S.**, Fall S.M., Grogin N.A., Livio M., Mainieri V., Moustakas L., Padovani, P., Rosati P., Schreier E.J., Urry C.M., 2004, *ApJ*, 600, L123
- 106) *The Asiago-ESO/RASS QSO Survey. III. Clustering analysis and its theoretical interpretation*, Grazian A., Negrello M., Moscardini L., **Cristiani, S.**, Haehnelt M.G., Matarrese S., Omizzolo A., Vanzella E., 2004, *AJ* 127, 592
- 105) *The K20 survey. V The evolution of the near-IR Luminosity Function*, Pozzetti L., Cimatti A., Zamorani G., Daddi E., Menci N., Fontana A., Renzini A., Mignoli M., Poli F., Saracco P., Broadhurst T., **Cristiani, S.**, D'Odorico S., Giallongo E., Gilmozzi R., 2003, *A & A*, 402, 837

- 104) *The dusty environment of Quasars. Far-IR properties of Optical Quasars*, Andreani P., **Cristiani, S.**, Grazian A., La Franca F., Goldschmidt P., 2003, *AJ* 125, 444
- 103) *An ESO/VLT survey of NIR ( $z \leq 25$ ) selected galaxies at redshifts  $4.5 < z < 6$ : constraining the cosmic star formation rate near the reionization epoch*, Fontana A., Poli F., Menci N., Nonino M., Giallongo E., **Cristiani, S.**, D'Odorico S., 2003, *ApJ*, 587, 544
- 102) *A VLT/FORS2 spectroscopic survey in the HDF-S*, Vanzella, E., **Cristiani, S.**, Arnouts, S., Dennefeld, M., Fontana, A., Grazian, A., Nonino, M., Petitjean, P., Saracco, P., 2002, *A & A*, 396, 847
- 101) *The Asiago-ESO/RASS QSO Survey II. The Southern Sample*, Grazian, A., Omizzolo, A., Corbally, C., **Cristiani, S.**, Haehnelt, M.G., Vanzella, E., 2002, *AJ* 124, 2955
- 100) *The K20 survey. IV. The redshift distribution of  $K_s < 20$  galaxies: A test of galaxy formation models*, Cimatti A., Pozzetti, L., Mignoli, M., Daddi, E., Menci, N., Poli, F., Fontana, A., Renzini, A., Zamorani, G., Broadhurst, T., **Cristiani, S.**, D'Odorico, S., Giallongo, E., Gilmozzi, R., 2002, *A & A*, 391, L1
- 99) *High matter density peaks from UVES observations of QSO pairs: Correlation properties and chemical abundances* D'Odorico, V., Petitjean, P., **Cristiani, S.**, 2002, *A & A*, 390, 13
- 98) *HST STIS observations of four QSO pairs* Aracil, B., Petitjean, P., Smette, A., Surdej, J., Mcket, J. P., **Cristiani, S.**, 2002, *A & A*, 391, 1
- 97) *The K20 survey. III. Photometric and spectroscopic properties of the sample* Cimatti, A., Mignoli, M., Daddi, E., Pozzetti, L., Fontana, A., Saracco, P., Poli, F., Renzini, A., Zamorani, G., Broadhurst, T., **Cristiani, S.**, D'Odorico, S., Giallongo, E., Gilmozzi, R., Menci, N., 2002, *A & A*, 392, 395
- 96) *The physical properties of the Ly- $\alpha$  forest at  $z > 1.5$* , Kim T.-S., Carswell R. F., **Cristiani, S.**, D'Odorico S., Giallongo E., 2002, *MNRAS* 335, 555
- 95) *A Low Upper Limit to the Lyman Continuum Emission of Two Galaxies at  $z \sim 3$* , Giallongo E., **Cristiani, S.**, D'Odorico S., Fontana A., 2002, *ApJ*, 568, L9
- 94) *The K20 survey. II. The Different Spatial Clustering of  $z \sim 1$  Old and Dusty Star-Forming EROs* Daddi E., Cimatti A., Broadhurst T., Renzini A., Zamorani G., Mignoli M., Saracco P., Fontana A., Pozzetti L., Poli F., **Cristiani, S.**, D'Odorico S., Giallongo E., Gilmozzi R., Menci N., 2002, *A & A*, 384, L1
- 93) *The evolution of the physical state of the IGM*, Kim T.-S., **Cristiani, S.**, D'Odorico, S., 2002, *A & A*, 383, 747
- 92) *The K20 survey. I. Disentangling old and dusty star-forming galaxies in the ERO population*, Cimatti A., Daddi E., Mignoli M., Pozzetti L., Renzini A., Zamorani G., Broadhurst T., Fontana A., Saracco P., Poli F., **Cristiani, S.**, D'Odorico S., Giallongo E., Gilmozzi R., Menci N., 2002, *A & A*, 381, L68
- 91) *Measuring the Redshift Evolution of Clustering: the Hubble Deep Field South*, Arnouts S., Moscardini L., Vanzella E., Colombi S., **Cristiani, S.**, Fontana A., Giallongo E., Matarrese S., P. Saracco, 2002, *Mont. Not. R. Astr. Soc.*, 329, 355
- 90) *Multicolor observation of HDF-S*, Vanzella E., **Cristiani, S.**, Saracco P., Arnouts S., Bianchi S.,

- D'Odorico S., Fontana A., Giallongo E., Grazian A., 2001, AJ 122, 2190*
- 89) *The contribution of galaxies to the UV ionizing background and the evolution of the Lyman forest, Bianchi S., Cristiani, S., T.-S. Kim, 2001, A & A, 376, 1*
- 88) *GRB010222: afterglow emission from a rapidly decelerating shock, N. Masetti, E. Palazzi, E. Pian, F. Mannucci, L.A. Antonelli, A. Di Paola, P. Saracco, S. Savaglio, L. Amati, C. Bartolini, S. Bernabei, D. Bettoni, S. Covino, Cristiani, S., et al., 2001, A & A, 374, 382*
- 87) *Deep Fields, Cristiani, S., Renzini A., Williams R., 2001, PASP 113, 401*
- 86) *The Evolution of the Luminosity Function in Deep Fields: A Comparison with CDM Models Poli F., Menci N., Giallongo E., Fontana A., Cristiani, S., D'Odorico S., 2001, ApJ, 551, L45*
- 85) *Deep near-IR observations of the Chandra Deep Field and of the HDF-South - Color and Number Counts Saracco P., Giallongo E., Cristiani, S., D'Odorico S., Fontana A., Iovino A., Poli F., Vanzella E., 2001, A & A, 375, 1*
- 84) *The Ly $\alpha$  forest at  $1.5 < z < 4$  Kim T.-S., Cristiani, S., D'Odorico S., 2001, A & A, 373, 757*
- 83) *Photometric redshifts and selection of high redshift galaxies in the NTT and Hubble Deep Fields Fontana A., D'Odorico S., Poli F., Giallongo E., Arnouts S., Cristiani, S., Moorwood A., Saracco P., 2000, AJ, 120, 2206*
- 82) *High-Resolution Spectroscopy from 300 to 1000 nm of the HDF-S QSO J2233-606 with UVES at the ESO VLT Cristiani, S., D'Odorico V., 2000, AJ, 120, 1648*  
(see also <http://www.stecf.org/hstprogrammes/J22/J22.html>)
- 81) *The First VLT FORS1 spectra of Lyman-break candidates in the HDF-S and AXAF Deep Field Cristiani, S., Appenzeller I., Arnouts S., Nonino M., Aragón-Salamanca A., Benoist C., da Costa L., Dennefeld M., Rengelink R., Renzini A., Szeifert T., White S., 2000, A & A, 359, 489*
- 80) *The Asiago-ESO/RASS QSO Survey. I. The Catalog and the Local QSO Luminosity Function Grazian A., Cristiani, S., D'Odorico V., Omizzolo A., Pizzella A., 2000, AJ, 119, 2540*
- 79) *A sample for the analysis of the QSO clustering La Franca F., Lissandrini C., Cristiani, S., Miller L., Hawkins M.R.S., McGillivray H.T., 1999, A&AS, 140, 351*
- 78) *Measuring and Modelling the Redshift Evolution of Clustering: the Hubble Deep Field North Arnouts S., Cristiani, S., Moscardini L., Matarrese S., Lucchin F., Fontana A., Giallongo E., 1999, Mont. Not. R. Astr. Soc., 310, 540*
- 77) *High redshift evolution of optically and IR-selected galaxies: a comparison with CDM scenarios Fontana A., Menci N., D'Odorico S., Giallongo E., Poli F., Cristiani, S., Moorwood A., Saracco P., 1999, ApJ, 310, L27*
- 76) *Identification of absorbing galaxies towards the QSO J2233-606 in the Hubble Deep Field South Tresse L., Dennefeld M., Petitjean P., Cristiani, S., White S., 1999, A & A, 346, L21*
- 75) *Lyman- $\alpha$  emission at  $z \sim z_{em}$  around the quasar J2233-606 in the Hubble Deep Field South Bergeron J., Petitjean P., Cristiani, S., Arnouts S., Bresolin F., Fasano G., 1999, A&AL, 343, L40*

- 74) *The NTT SUSI Deep Field*, Arnouts S., D'Odorico S., **Cristiani, S.**, Zaggia S., Fontana A., Giallongo E., 1999, *A & A*, 341, 641
- 73) *The gravitational lensing in the QSO 1208+10 from the proximity effect in its Lyman- $\alpha$  forest*, Giallongo E., Fontana A., **Cristiani, S.**, D'Odorico S., 1999, *ApJ*, 510, 605
- 72) *The size and geometry of the Ly-alpha clouds* D'Odorico V., **Cristiani, S.**, D'Odorico S., Fontana A., Giallongo E., Shaver P., 1998, *A & A*, 339, 678
- 71) *Star Formation at  $z = 4.7$  in the environment of the QSO BR1202-0725* Fontana A., **Cristiani, S.**, Giallongo E. et al. 1998, *AJ*, 115, 1225
- 70) *The photometric redshift distribution and evolutionary properties of galaxies up to  $z \sim 4.5$  in the field of the quasar BR1202-0725* Giallongo E., D'Odorico S., Fontana A., **Cristiani, S.**, Charlot S., Egami E., Hu E., McMahon R.G., 1998, *AJ*, 115, 2169
- 69) *Elliptical Galaxies in the Hubble Deep Field.II. The  $\langle \mu_e \rangle - r_e$  relation and the lack of large galaxies at high redshift*, Fasano G., **Cristiani, S.**, Arnouts S., Filippi M., 1998, *AJ*, 115, 1400
- 68) *Quasar clustering: evidence for an increase with redshift and implications on the nature of AGNs*, La Franca F., Andreani P., **Cristiani, S.**, 1998, *ApJ*, 497, 529
- 67) *The optical-UV continuum of a sample of QSOs*, Natali F., Giallongo E., **Cristiani, S.**, La Franca F., 1998, *AJ*, 115, 397
- 66) *The absorption spectrum of the QSO PKS 2126-158 ( $z_{\text{em}} = 3.27$ ) at high resolution*, V.D'Odorico, **Cristiani, S.**, D'Odorico S., Fontana A., Giallongo E., 1998, *A&AS*, 127, 217
- 65) *SN 1983V in NGC 1365 and the Nature, of Stripped Envelope Core-Collapse Supernovae*, Clocchiatti A., Wheeler J.C., Phillips M.M., N.B. Suntzeff N.B, **Cristiani, S.**, Phillips A., Harkness R.P., Dopita M.A., Beuermann K., Rosa M., Grosbol P., Lindblad P-O., 1997, *ApJ*, 483, 675
- 64) *The QSO evolution from the HBQS*, La Franca F., **Cristiani, S.**, 1997, *AJ*, 113, 1517
- 63) *The optical variability of QSOs.II The wavelength dependence*, **Cristiani, S.**, Trentini S., La Franca F., Andreani P., 1997, *A & A*, 321, 123
- 62) *The Clustering Properties of the Lyman- $\alpha$  clouds*, **Cristiani, S.**, D'Odorico S., D'Odorico V., Fontana A., Giallongo E., Savaglio S., 1997, *Mont. Not. R. Astr. Soc.*, 285, 209
- 61) *Constraints on the shape of the ionizing UV background in the Lyman- $\alpha$  absorption systems of Q0000 - 2619*, Savaglio S., **Cristiani, S.**, D'Odorico S., Fontana A., Giallongo E., Molaro P., 1997, *A & A*, 318, 347
- 60) *The optical variability of QSOs*, **Cristiani, S.**, Trentini S., La Franca F., Aretxaga I., Andreani P., Vio R., Gemmo A., 1996, *A & A*, 306, 395
- 59) *The Optical Identification of a Primeval Galaxy at  $z > 4.4$* , Fontana A., **Cristiani, S.**, D'Odorico S., Giallongo E., Savaglio S., 1996, *Mont. Not. R. Astr. Soc.*, 279, L27
- 58) *The Proximity Effect, the UV Background and the Statistics of the Lyman- $\alpha$  Lines at High Resolution*, Giallongo E., **Cristiani, S.**, D'Odorico S., Fontana A., Savaglio S., 1996, *ApJ*, 446, 46
- 57) *The Space Distribution of the Lyman- $\alpha$  Clouds in the Line of Sight to the  $z=3.66$  QSO 0055-269*,



- Cristiani, S., D'Odorico S., Fontana A., Giallongo E., Savaglio S., 1995, *Mont. Not. R. Astr. Soc.*, 273, 1016**
- 56) *On the Relationship between Optical and X-ray Luminosity of Quasars*, La Franca F., Franceschini A., **Cristiani, S., Vio R., 1995, *A & A*, 299, 19**
- 55) *The ESO Key-Programme "A Homogeneous Bright QSO Survey" - I The Methodology and the "Deep" Fields*, **Cristiani, S., La Franca F., Andreani P., Gemmo A., Goldschmidt P., Miller L., Vio R., Barbieri C., Bodini L., Iovino A., Lazzarin M., Clowes R.G., McGillivray H., Gouiffes C., Lissandrini C., Savage A., 1995, *A&AS*, 112, 347**
- 54) *X-ray versus Optically Selected Active Galactic Nuclei: A Comparative Study of the Luminosity Functions and Evolution Rates*, Franceschini A., La Franca F., **Cristiani, S., Martin-Mirones J.M., 1994, *Mont. Not. R. Astr. Soc.*, 269, 683**
- 53) *The Variance of QSO Counts in Cells*, P. Andreani, **Cristiani, S., Lucchin F., Matarrese S., Moscardini L., 1994, *ApJ*, 430, 458**
- 52) *Luminosity Variations of 3C345: is There Any Evidence of Low Dimensional Chaos ?*, Provenzale A., Vio R., **Cristiani, S., 1994, *ApJ*, 428, 591**
- 51) *Deep VLA Observations of an optically selected sample of intermediate redshift QSOs. The optical luminosity function of the radio loud QSOs*, La Franca F., Gregorini L., **Cristiani, S., De Ruiter H., Owen F., 1994, *AJ*, 108, 1548**
- 50) *Sky Subtraction with Fiber-Spectrographs*, Lissandrini C., **Cristiani, S., La Franca F., 1994, *PASP* 106, 1157**
- 49) *The Gunn-Peterson Effect in the Spectrum of the  $z=4.7$  QSO 1202-07: the Intergalactic Medium at Very High Redshifts*, Giallongo E., D'Odorico S., Fontana A., McMahon R.G., Savaglio S., **Cristiani, S., Molaro P., Trevese D., 1994, *ApJ*, 425, L1**
- 48) *Coordinated UV-optical observations of quasars: the evolution of the Lyman absorption*, **Cristiani, S., Giallongo E., Buson L.M., Gouiffes C., La Franca F., 1993, *A & A*, 268, 86**
- 47) *A Stochastic Model for the Variability of NGC 6814*, Vio R., Turolla R., **Cristiani, S., Barbieri C., 1993, *ApJ*, 405, 163**
- 46) *Cold Dust around high-redshift Quasars*, Andreani P., La Franca F., **Cristiani, S., 1993, *Mont. Not. R. Astr. Soc.*, 261, L35**
- 45) *The Lyman Alpha Forest of PKS 2126-158 at High Resolution*, Giallongo E., **Cristiani, S., Fontana A., Trevese D., 1993, *ApJ*, 416, 137**
- 44) *The SA 94 QSO Surveys. V. An UVx sample of 97 QSOs with  $B < 19.9$*  La Franca F., **Cristiani, S., Barbieri C., 1992, *AJ*, 103, 1062**
- 43) *Discovery of  $z \sim 1$  galaxies causing quasar absorption lines* Bergeron J., **Cristiani, S., Shaver P.A., 1992, *A & A*, 257, 417**
- 42) *Time Series Analysis in Astronomy: an Application to Quasar Variability*, Vio R., **Cristiani, S., Lessi O., Provenzale A., 1992, *ApJ*, 391, 518**

- 41) *The high surface density of bright UVx quasars* Goldschmidt P., Miller L., La Franca F., **Cristiani, S.**, 1992, *Mont. Not. R. Astr. Soc.*, 256, 65P
- 40) *The SN 1986G in Centaurus A*, **Cristiani, S.** et al., 1992, *A & A*, 259, 63
- 39) *The Evolution of quasar clustering* Andreani P., **Cristiani, S.**, 1992, *ApJ*, 398, L13
- 38) *A direct measure of the Gunn-Peterson effect at  $z=3$ : limits on the baryon density of the intergalactic medium at high redshifts*, Giallongo E., **Cristiani, S.**, Trevese D., 1992, *ApJ*, 398, L9
- 37) *A Complete Quasar Sample at Intermediate Redshift*, **Cristiani, S.**, La Franca F., Barbieri C., Clowes R.G., Iovino A., 1991, *Mont. Not. R. Astr. Soc.*, 250, 531
- 36) *3C 345: is the variability of quasars non-linear ?* Vio R., **Cristiani, S.**, Lessi O., Salvadori L., 1991, *ApJ*, 380, 351
- 35) *Reduced upper limits on the equivalent width of interstellar Li I 670.8 towards SN 1987A*, Baade D., **Cristiani, S.**, Lanz T., Malaney R.A., Sahu K.C., Vladilo G., 1991, *A & A*, 251, 253
- 34) *Is the Universe a Fractal? Tests on Quasar Samples*, Andreani P., **Cristiani, S.**, La Franca F., 1991, *Mont. Not. R. Astr. Soc.*, 253, 527
- 33) *The Composite Spectrum of Quasars*, **Cristiani, S.**, Vio R., 1990, *A & A*, 227, 385
- 32) *Observations of Variable Quasar Candidates*, **Cristiani, S.**, Hawkins M.R.S., Iovino A., Pierre M., Shaver P.A., 1990, *Mont. Not. R. Astr. Soc.*, 245, 493
- 31) *Variability of a Complete Sample of Quasars*, **Cristiani, S.**, Vio R., Andreani P., 1990, *AJ*, 100, 56
- 30) *Average Lyman Absorption in High Redshift QSO Spectra – II. the Redshift Evolution*, Giallongo E., **Cristiani, S.**, 1990, *Mont. Not. R. Astr. Soc.*, 247, 696
- 29) *Quasars in the field of SA 94 - III a color survey*, **Cristiani, S.**, Barbieri C., Iovino A., La Franca F., Nota A., 1989, *A&AS*, 77, 161
- 28) *Identification of High Redshift Galaxies with Very Large Gaseous Halos*, Bergeron J., **Cristiani, S.**, Pierre M., Shaver P.A., 1989, *ESO Messenger*, 57, 28
- 27) *A Homogeneous Bright Quasar Survey*, Barbieri C., **Cristiani, S.**, Andreani P., Clowes R., Gemmo A., Gouiffes C., Iovino A., La Franca F., Savage A., Vio R., 1989, *ESO Messenger*, 58, 22
- 26) *Observations of Four Faint QSOs surrounding the TOL1037-27/1038-27 Quasar Pair*, Jakobsen P., Perryman M.A.C., **Cristiani, S.**, 1988, *ApJ*, 326, 710
- 25) *Quasar Candidates in the Field of S.A.94-II Objective-Prism classification of the US Objects*, Barbieri C., **Cristiani, S.**, Iovino A., Nota A., 1987, *A&AS*, 67, 551
- 24) *Fast Photometry of the SN 1987A*, Barwig H., Schoembs R., **Cristiani, S.**, Gouiffes C., Sauvageot J.L., 1987, *ESO Messenger*, 47, 29
- 23) *Observations of the HII Galaxy Giving Origin to the  $z=0.3930$  Absorption System of the QSO 1209+107*, **Cristiani, S.**, 1987, *A & A*, 175, L1
- 22) *Optopus Observations of Quasar Candidates*, **Cristiani, S.**, 1987, *ESO Messenger*, 48, 20
- 21) *Photometry of the SN 1987A*, **Cristiani, S.**, Babel J., Barwig H., Clausen J.V., Gouiffes C., Guenter

- T., Helt B.E., Heynderickx D., Loyola P., Magnusson P., Monderen P., Rabattu X., Sauvageot J.L., Schoembs R., Schwarz H., Steeman F., Vaz L.P.R., Gimenez A., 1987, *A & A*, 177, L5
- 20) *On the Absorption Spectra of the Quasars TOL1037-271 and TOL1038-272*, **Cristiani, S.**, Danziger I.J., P.A. Shaver, 1987, *Mont. Not. R. Astr. Soc.*, 227, 639
- 19) *Radial velocities of galaxies in the cluster Klemola 22 from observations with OPTOPUS, the ESO multiple object spectroscopy facility*, **Cristiani, S.**, de Souza R., D'Odorico S., Lund G., Quintana H., 1987, *A & A*, 179, 108
- 18) *Redshifts of Quasar Candidates*, **Cristiani, S.**, Koeler B., 1987, *A&AS*, 68, 339
- 17) *Optical Spectroscopy of SN 1987A*, Danziger I.J., Fosbury R.A.E., Alloin D., **Cristiani, S.**, Dachs J., Gouiffes C., Jarvis B., Sahu K.C., 1987, *A & A*, 177, L13
- 16) *ESO Observations of GRB 0526-66 during the 1984/1985 Burst Watch Campaign*, Pedersen H., **Cristiani, S.**, Angebault P., Poulsen J.M., Pizzichini G., Simonsen R.L., 1987, *Ap.Lett*, 25, 163
- 15) *Quasar Spectra and the gravitational lens hypothesis*, Shaver P.A., Wampler E.J., **Cristiani, S.**, 1987, *Nature*, 327, 40
- 14) *The Interstellar Spectrum Toward SN 1987A*, Vidal-Madjar A., Andreani P., **Cristiani, S.**, Ferlet R., Lanz T., Vladilo G., 1987, *A & A*, 177, L17
- 13) *Multifrequency observations of the Blazar PKS 0537-441 in a moderately active state*, Tanzi E., Barr P., Bouchet P., Chiappetti L., **Cristiani, S.**, Falomo R., Giommi P., Maraschi L., Treves A., 1986, *ApJ*, 311, L13
- 12) *Test of the gravitational lens hypothesis for the quasar pair 1146+111B,C*, Shaver P.A., **Cristiani, S.**, 1986, *Nature*, 321, 585
- 11) *Quasar Candidates in the Field of S.A.94*, Barbieri C., **Cristiani, S.**, 1986, *A&AS*, 63, 1
- 10) *The Variable Extragalactic Object 3C446*, Barbieri C., **Cristiani, S.**, Omizzolo A., Romano G., 1985, *A & A*, 142, 316
- 9) *The Completeness of the Braccesi Deep Quasar Survey*, **Cristiani, S.**, Veron-Cetty M.P., Veron P., 1984, *A & A*, 135, 122
- 8) *A New X-ray Emitting Seyfert 1 Galaxy*, **Cristiani, S.**, Tarenghi M., 1984, *A & A*, 132, 351
- 7) *Quasar Surface Densities*, **Cristiani, S.**, 1984, *ESO Messenger*, 35, 13
- 6) *CCD Images of the 6.1ms Pulsar Field*, Pedersen H., Tarenghi M., **Cristiani, S.**, Salvati M., 1983, *Nature*, 306, 568
- 5) *Short-period Components in the Relativistic Radial Velocities of SS433=V 1343 Aql*, Mammano A., Margoni R., Ciatti F., **Cristiani, S.**, 1983, *A & A*, 119, 153
- 4) *The Asiago Catalogue of Quasi Stellar Objects*, Barbieri C., Capaccioli M., **Cristiani, S.**, Nardon G., Omizzolo A., 1983, *MemSAIt*, 53, 511
- 3) *A Study of Some Compact Extragalactic Objects*, Barbieri C., **Cristiani, S.**, Romano G., 1982, *AJ*, 87, 616
- 2) *A New Bright Compact Galaxy in Ursa Major*, Barbieri C., **Cristiani, S.**, Romano G., 1982, *A & A*

A, 105, 369

1) *Spectra of SN 1980k in NGC 6946*, Barbieri C., Bonoli C., **Cristiani, S.**, 1982, *A & A*, 114, 216

## 2 Contributed Paper

193) *Illuminating Cosmic Reionization with the HST Low-redshift Lyman Continuum Survey*, Jaskot, A., Flury, S., Silveyra, A., et al., 2023, *AAS*, 55, 443.01

192) *CUBES, the Cassegrain U-Band Efficient Spectrograph for the VLT*, Cristiani, S., Alcal, J. M., Alencar, S. H. P., et al., 2022, *Msngr*, 188, 36

191) *ESPRESSO Probes the Fine-structure Constant*, Murphy, M. T., Molaro, P., Schmidt, T. M., et al., 2022, *Msngr*, 188, 15

190) *ANDES, the high resolution spectrograph for the ELT: science case, baseline design and path to construction*, Marconi, A., Abreu, M., Adibekyan, V., et al., 2022, *SPIE*, 12184, 1218424

189) *CUBES: the Cassegrain U-band Efficient Spectrograph*, Cristiani, S., Alcal, J. M., Alencar, S. H. P., et al., 2022, *SPIE*, 12184, 121840A

188) *Space density of AGN at redshifts higher than 4*, Boutsia, K., Grazian, A., Giallongo, E., et al., 2022, *cosp*, 44, 1832

187) *Astrocook: Quasar Spectral Analysis Made Easy*, Cupani, G., D'Odorico, V., Cristiani, S., et al., 2022, *ASPC*, 532, 207

186) *QUBRICS: machine learning for searching bright, high-redshift quasars*, Guarneri, F., Cristiani, S., Calderone, G., et al., 2022, *scio.conf*, 34

185) *The QUBRICS Survey*, Boutsia, K., Grazian, A., Cristiani, S., et al., 2022, *joks.conf*, 8

184) *HIRES, the High-resolution Spectrograph for the ELT*, Marconi, A., Abreu, M., Adibekyan, V., et al., 2021, *Msngr*, 182, 27

183) *Stellar astrophysics in the near-UV with VLT-CUBES*, Ernandes, H., Evans, C. J., Barbuy, B., et al., 2020, *SPIE*, 11447, 1144760

182) *ELT-HIRES, the high resolution spectrograph for the ELT: the Phase A study and the path to construction*, Marconi, A., Abreu, M., Adibekyan, V., et al., 2020, *SPIE*, 11447, 1144726

181) *Lyman Continuum Escape from Strongly Lensed Low-Luminosity Galaxies at redshifts  $z=1.3-3$* , Riley, A., Ferguson, H., Amorin, R., et al., 2020, *AAS*, 235, 207.24

180) *Astrocook: your starred chef for spectral analysis*, Cupani, G., D'Odorico, V., **Cristiani, S.**, et al. 2020, *SPIE*, 114521U, <https://doi.org/10.1117/12.2561343>

179) *ESPRESSO Science Verification*, Leibundgut, B., Anderson, R., Berg, T., et al. 2020, *Msngr* 181, 3

178) *From ESPRESSO to the Future - Analysis of QSO Spectra with the Astrocook Package*, Cupani, G., Calderone, G., **Cristiani, S.**, et al., 2020, *ASPC*, 522, 187

- 177) *Lyman Continuum Escape from Strongly Lensed Low-Luminosity Galaxies at redshifts  $z=1.3-3$* , Riley, A., Ferguson, H., Amorin, R., et al., 2020, AAS, 207.24
- 176) *From ESPRESSO to the Future: Analysis of QSO Spectra with the Astrocook Package*, Cupani, G., Calderone, G., **Cristiani, S.**, et al., 2020, ASPC, 522, 187
- 175) *A PLC Distributed Layout: the Case of the Instrument Control Electronics of ESPRESSO*, Baldini, V., Calderone, G., Cirami, R., et al., 2019, ASPC, 521, 604
- 174) *Field Tests for the ESPRESSO Data Analysis Software*, Cupani, G., D'Odorico, V., **Cristiani, S.**, et al., 2019, ASPC, 521, 362
- 173) *AGN and host galaxy scaling relations*, Feruglio, C., D'Odorico, V., Fiore, F., et al., 2018, AGN13: *Beauty and the Beast. The 13th Italian meeting on Active Galactic Nuclei, held 9-12 October, 2018 in Milano*, 13, 59
- 172) *ESPRESSO instrument control software and electronics: commissioning in Paranal*, Calderone, G., Baldini, V., Cirami, R., et al. 2018, *Software and Cyberinfrastructure for Astronomy V*, 10707, 107072G
- 171) *Astrocook: a thousand recipes to cook a spectrum*, Cupani, G., Calderone, G., **Cristiani, S.**, et al. 2018, *Software and Cyberinfrastructure for Astronomy V*, 10707, 1070723
- 170) *Mechanical based alignment of large optical instruments: ESPRESSO as an example*, Pariani, G., Aliverti, M., Genoni, M., et al. 2018, *Advances in Optical and Mechanical Technologies for Telescopes and Instrumentation III*, 10706, 107064H
- 169) *ESPRESSO data flow in operations: results of commissioning activities*, Di Marcantonio, P., Sosnowska, D., Cupani, G., et al. 2018, *Observatory Operations: Strategies, Processes, and Systems VII*, 10704, 107040F
- 168) *Revisiting the science case for near-UV spectroscopy with the VLT*, Evans, C. J., Barbuy, B., Castilho, B., et al. 2018, *Ground-based and Airborne Instrumentation for Astronomy VII*, 10702, 107022E
- 167) *ELT-HIRES, the high resolution spectrograph for the ELT: results from the Phase A study*, Marconi, A., Allende Prieto, C., Amado, P. J., et al. 2018, *Ground-based and Airborne Instrumentation for Astronomy VII*, 10702, 107021Y
- 166) *Data Analysis for Precision Spectroscopy: the ESPRESSO Case*, Cupani, G., D'Odorico, V., **Cristiani, S.** et al. 2017, *Astronomical Data Analysis Software and Systems XXV*, 512, 209
- 165) *The contribution of Quasars and Galaxies to the Cosmic UV background*, **Cristiani, S.** 2017, in *Exploring Dark Matter and Dark Ages with Lensing Clusters*, 8
- 164) *ESPRESSO front end guiding algorithms: from design phase to implementation and validation toward the commissioning* Landoni, M., Riva, M., Pepe, F., et al. 2016, *Proceedings of the SPIE*, 9913, 99133Q
- 163) *Integration, alignment, and verification of the ESPRESSO Front-End* Pariani, G., Aliverti, M., Moschetti, M., et al. 2016, *Proceedings of the SPIE*, 9908, 99087B
- 162) *EELT-HIRES the high-resolution spectrograph for the E-ELT*, Marconi, A., Di Marcantonio, P., D'Odorico, V., et al. 2016, *Proceedings of the SPIE*, 9908, 990823

- 161) *EELT-HIRES the high resolution spectrograph for the E-ELT: software and hardware solutions for its control*, Di Marcantonio, P., Baldini, V., Calderone, G., et al. 2016, *Proceedings of the SPIE*, 9913, 99133R
- 160) *The technical CCDs in ESPRESSO: usage, performances, and network requirements*, Calderone, G., Baldini, V., Cirami, R., et al. 2016, *Proceedings of the SPIE*, 9913, 99132K
- 159) *Integration of the instrument control electronics for the ESPRESSO spectrograph at ESO-VLT*, Baldini, V., Calderone, G., Cirami, R., et al. 2016, *Proceedings of the SPIE*, 9913, 99132H
- 158) *Integrated data analysis in the age of precision spectroscopy: the ESPRESSO case*, Cupani, G., D'Odorico, V., **Cristiani, S.**, et al. 2016, *Proceedings of the SPIE*, 9913, 99131T
- 157) *E-ELT HIRES the high resolution spectrograph for the E-ELT: integrated data flow system*, Cupani, G., **Cristiani, S.**, S., D'Odorico, V., et al. 2016, *Proceedings of the SPIE*, 9910, 99102F
- 156) *Data Analysis Software for the ESPRESSO Science Machine*, Cupani, G., D'Odorico, V., **Cristiani, S.**, et al. 2015, *Astronomical Data Analysis Software and Systems XXIV (ADASS XXIV)*, 495, 289
- 155) *Data treatment towards the ELT age. The ESPRESSO case*, Cupani, G., **Cristiani, S.**, D'Odorico, V., et al. 2015, *Mem. S. A. It.*, 86, 502
- 154) *Industrial solutions trends for the control of HiRes spectrograph@E-ELT*, Di Marcantonio, P., Baldini, V., Calderone, G., et al. 2015, *Mem. S. A. It.*, 86, 498
- 153) *From CODEX to ESPRESSO to HIRES@E-ELT: a view on cosmology and fundamental physics from the IGM perspective*, **Cristiani, S.**, Cupani, G., D'Odorico, V., et al. 2015, *Mem. S. A. It.*, 86, 486
- 152) *T-REX OU4 HIRES: the high resolution spectrograph for the E-ELT*, Oliva, E., Baffa, C., Busoni, L., et al. 2015, *Mem. S. A. It.*, 86, 474
- 151) *ESPRESSO front end exposure meter: a chromatic approach to radial velocity correction*, Landoni, M., Riva, M., Pepe, F., et al. 2014, *Proceedings of the SPIE*, 9147, 91478K
- 150) *HIRES: the high resolution spectrograph for the E-ELT* Zerbi, F. M., Bouchy, F., Fynbo, J., et al. 2014, *Proceedings of the SPIE*, 9147, 914723
- 149) *The Deepest VLT/FORS2 Spectrum of a  $z \sim 7$  Galaxy: An Easy Target for the E-ELT*, Vanzella, E., Fontana, A., Pentericci, L., et al. 2014, *The Messenger*, 157, 46
- 148) *ESPRESSO: the radial velocity machine for the VLT*, Mégevand, D., Zerbi, F. M., Di Marcantonio, P., et al. 2014, *Proceedings of the SPIE*, 9147, 91471H
- 147) *Data Analysis Software for the ESPRESSO Science Machine*, Cupani, G., D'Odorico, V., **Cristiani, S.**, et al. 2015, *Astronomical Data Analysis Software and Systems XXIV (ADASS XXIV)*, 495, 289
- 146) *ESPRESSO data flow: from design to development*, Di Marcantonio, P., D'Odorico, V., Cupani, G., et al. 2014, *Proceedings of the SPIE*, 9149, 91491Q
- 145)
- 144) *ESPRESSO front end: modular opto-mechanical integration for astronomical instrumentation*, Riva, M., Aliverti, M., Moschetti, M., et al. 2014, *Proceedings of the SPIE*, 9147, 91477G

- 143) APSU @ ESPRESSO: final design towards the integration, Riva, M., Conconi, P., Moschetti, M., et al. 2014, *Proceedings of the SPIE*, 9147, 91477D
- 142) ESPRESSO instrument control electronics: a PLC based distributed layout for a second generation instrument at ESO VLT, Baldini, V., Cirami, R., Coretti, I., et al. 2014, *Proceedings of the SPIE*, 9152, 915228
- 141) MMP: multi mini prism device for ESPRESSO APSU, prototyping, and integration, dell’Agostino, S., Riva, M., Genoni, M., et al. 2014, *Proceedings of the SPIE*, 9147, 91475W
- 140) ESPRESSO - An Echelle SPectrograph for Rocky Exoplanets Search and Stable Spectroscopic Observations, Pepe, F., **Cristiani, S.**, Rebolo, R., et al. 2013, *The Messenger*, 153, 6
- 139) A Community Science Case for E-ELT HIRES, Maiolino, R., Haehnelt, M., Murphy, M. T., et al. 2013, *arXiv:1310.3163*
- 138) Precious Metals in SDSS Quasar Spectra II: Uber Analysis of the Full, 1.6  $z < 3.6$  CIV Distribution, Cooksey, K., Simcoe, R. A., D’Odorico, V., et al. 2013, *American Astronomical Society Meeting Abstracts*, 221, #212.06
- 137) ESPRESSO front-end guiding algorithm, Landoni, M., Riva, M., Zerbi, F. M., et al. 2012, *Proceedings of the SPIE*, 8451,
- 136) Adoption of new software and hardware solutions at the VLT: the ESPRESSO control architecture case, Cirami, R., Di Marcantonio, P., Coretti, I., et al. 2012, *Proceedings of the SPIE*, 8451,
- 135) Challenges and peculiarities of ESPRESSO data flow cycle: from target choice to scientific results, Di Marcantonio, P., Sosnowska, D., Lovis, C., et al. 2012, *Proceedings of the SPIE*, 8448,
- 134) ESPRESSO front end opto-mechanical configuration, Riva, M., Landoni, M., Zerbi, F. M., et al. 2012, *Proceedings of the SPIE*, 8446,
- 133) Very high-resolution spectroscopy: the ESPRESSO optical design, Spanò, P., Delabre, B., Dekker, H., et al. 2012, *Proceedings of the SPIE*, 8446,
- 132) ESPRESSO: the ultimate rocky exoplanets hunter for the VLT, Mégevand, D., Zerbi, F. M., Cabral, A., et al. 2012, *Proceedings of the SPIE*, 8446,
- 131) Dense Sampling and Large Volume: The Structure of the Intergalactic Medium from 50,000 SDSS3 BOSS Quasar Absorption Spectra, Croft, R. A., Arnau, E., Aubourg, E., et al. 2012, *American Astronomical Society Meeting Abstracts*, 219, #324.03
- 130) Report on the Workshop "The First Year of Science with X-shooter" Randich, S., Covino, S., & **Cristiani, S.** 2011, *The Messenger*, 143, 49
- 129) Optical-NIR spectra of quasars close to reionization ( $z \sim 6$ ), D’Odorico, V., Cupani, G., **Cristiani, S.**, Maiolino, R., Molaro, P., Nonino, M., Cimatti, A., di Serego Alighieri, S., Fiore, F., Fontana, A., and 7 coauthors, 2011, *Astronomische Nachrichten*, 332, 315
- 128) ESPRESSO: design and analysis of Coud-Train concepts for stable and efficient optical feeding , Cabral, A., et al. 2010, in "Modern Technologies in Space- and Ground-based Telescopes and Instrumentation." Edited by Atad-Ettinger, Eli, Lemke, Dietrich. *Proceedings of the SPIE*, Volume 7739, pp.

77393W-77393W-11

127) *ESPRESSO: projecting a rocky exoplanet hunter for the VLT*, Mégevand, D., et al. 2010, in “Ground-based and Airborne Instrumentation for Astronomy III.” Edited by McLean, Ian S., Ramsay, Suzanne K., Takami, Hideki. *Proceedings of the SPIE, Volume 7735*, pp. 77354Y-77354Y-10

126) *CODEX*, Pasquini, L., et al. 2010, in “Ground-based and Airborne Instrumentation for Astronomy III.” Edited by McLean, Ian S., Ramsay, Suzanne K., Takami, Hideki. *Proceedings of the SPIE, Volume 7735*, pp. 77352F-77352F-12

125) *Optical design of the ESPRESSO spectrograph at VLT*, Spanò, P., et al. 2010, in “Ground-based and Airborne Instrumentation for Astronomy III.” Edited by McLean, Ian S., Ramsay, Suzanne K., Takami, Hideki. *Proceedings of the SPIE, Volume 7735*, pp. 77350K-77350K-10

124) *ESPRESSO: the Echelle spectrograph for rocky exoplanets and stable spectroscopic observations*, Pepe, F. A., et al. 2010, in “Ground-based and Airborne Instrumentation for Astronomy III.” Edited by McLean, Ian S., Ramsay, Suzanne K., Takami, Hideki. *Proceedings of the SPIE, Volume 7735*, pp. 77350F-77350F-9.

123) *CODEX: An Ultra-stable High Resolution Spectrograph for the E-ELT*, Pasquini, L., Pasquini, L., **Cristiani, S.**, Garcia-Lopez, R., Haehnelt, M., & Mayor, M. 2010, *The Messenger*, 140, 20

122) *Modeling multi-wavelength properties of high redshift galaxies*, Monaco, Pierluigi, Fontanot, Fabio, Lo Faro, Barbara, De Lucia, Gabriella, Vanzella, Eros, Somerville, Rachel, **Cristiani, S.**, Silva, Laura, Santini, Paola, in *PROBING STELLAR POPULATIONS OUT TO THE DISTANT UNIVERSE: CEFALU 2008*, *Proceedings of the International Conference. AIP Conference Proceedings, Volume 1111*, pp. 48-51 (2009)

121) *ESPRESSO: A High Resolution Spectrograph for the Combined Coud Focus of the VLT*, Pasquini, Luca, Manescau, A., Avila, G., Delabre, B., Dekker, H., Liske, J., D’Odorico, S., Pepe, F., Dessauges, M., Lovis, C., Megevand, D., Queloz, D., Udry, S., **Cristiani, S.**, Bonifacio, P., Dimarcantonio, P., D’Odorico, V., Molaro, P., Vanzella, E., Viel, M., Haehnelt, M., Carswell, B., Murphy, M., Garcia-Lopez, R., Herreros, J. M., Perez, J., Zapatero, M. R., Rebolo, R., Israelian, G., Martin, E., Zerbi, F., Span, P., Levshakov, S., Santos, N., Zucker, S., in “Science with the VLT in the ELT Era”, *Astrophysics and Space Science Proceedings*, ISBN 978-1-4020-9189-6. Springer, Netherlands, 2009, p. 395

120) *From Espresso to Codex*, Liske, J., Pasquini, L., Bonifacio, P., Bouchy, F., Carswell, R. F., **Cristiani, S.**, Dessauges, M., D’Odorico, S., D’Odorico, V., Grazian, A., Garcia-Lopez, R., Haehnelt, M., Israelian, G., Lovis, C., Martin, E., Mayor, M., Molaro, P., Murphy, M. T., Pepe, F., Queloz, D., Rebolo, R., Udry, S., Vanzella, E., Viel, M., Wiklind, T., Zapatero, M., Zucker, S., in “Science with the VLT in the ELT Era”, *Astrophysics and Space Science Proceedings*, ISBN 978-1-4020-9189-6. Springer Netherlands, 2009, p. 243

119) *Pushing FORS to the Limit: A New Population of Faint Extended Ly-alpha Emitters at  $z \sim 3$* , Haehnelt, Martin G., Rauch, Michael, Bunker, Andrew, Becker, George, Marleau, Francine, Graham, James, **Cristiani, S.**, Jarvis, Matt J., Lacey, Cedric, Morris, Simon, Peroux, Celine, Rttgering, Huub,



- Theuns, Tom, in “Science with the VLT in the ELT Era”, *Astrophysics and Space Science Proceedings*, ISBN 978-1-4020-9189-6. Springer Netherlands, 2009, p. 23
- 118) *Faint Ly-alpha Emitters, Star-forming Galaxies, and Damped Ly-alpha Systems*, Rauch, M., Haehnelt, M., Bunker, A., Becker, G., Marleau, F., Graham, J., **Cristiani, S.**, Jarvis, M., Lacey, C., Morris, S., Peroux, C., Roettgering, H., Theuns, T., in “Panoramic Views of Galaxy Formation and Evolution”, *ASP Conference Series*, Vol. 399, proceedings of the conference held 11-16 December, 2007, at Shonan Village Center, Hayama, Japan. Edited by Tadayuki Kodama, Toru Yamada, and Kentaro Aoki. San Francisco: Astronomical Society of the Pacific, 2008., p.59
- 117) *The Evolution of the AGN population in the MORGANA model*, Fontanot, F., Monaco, P., **Cristiani, S.**, & Tozzi, P. 2008, *Proceedings of the 8th National Conference on AGN, held in Torino, Italy, May 19-22, 2008*. Edited by L. Lanteri, C.M. Raiteri, A. Capetti, and P. Rossi. . Available online at [agn8.oato.inaf.it](http://agn8.oato.inaf.it).
- 116) *E-ELT and the Cosmic Expansion History A Far Stretch?*, Liske, J., et al. 2008, *The Messenger*, 133, 10
- 115) *The spectroscopic all-sky cosmic explorer (SPACE)* Cimatti, A., Robberto, M., Baugh, C., et al., 2009, *Experimental Astronomy*, Volume 23, Issue 1, pp.39-66. Springer Science+Business Media B.V.
- 114) *From Espresso to Codex* J. Liske, L. Pasquini, P. Bonifacio, F. Bouchy, R.F. Carswell, **Cristiani, S.**, M. Dessauges, S. D’Odorico, V. D’Odorico, A. Grazian, R. Garcia-Lopez, M. Haehnelt, G. Israelian, C. Lovis, E. Martin, M. Mayor, P. Molaro, M.T. Murphy, F. Pepe, D. Queloz, R. Rebolo, S. Udry, E. Vanzella, M. Viel, T. Wiklind, M. Zapatero, S. Zucker, to appear in the *Proceedings of the Workshop “Science with the VLT in the ELT era”, 8-12 October 2007, Garching, A. Moorwood ed., 243*
- 113) *Large Scale Structures at High Redshift in the GOODS Field* Castellano, M., Salimbeni, S., Trevese, D., Pentericci, L., Grazian, A., Fontana, A., Giallongo, E., Santini, P., **Cristiani, S.**, Nonino, M., Vanzella, E., To appear in the proceedings of ‘A Century of Cosmology’, S. Servolo, August 2007, 2007, *Nuovo Cimento B Serie*, 122, 1235
- 112) *Codex* Pasquini, Luca, Avila, G., Delabre, B., Dekker, H., D’Odorico, S., Liske, J., Manescau, A., Bonifacio, P., **Cristiani, S.**, D’Odorico, V., Molaro, P., Vanzella, E., Santin, P., Viel, M., Dessauges-Zavadsky, M., Lovis, C., Mayor, M., Pepe, F., Queloz, D., Udry, S., Haehnelt, M., Murphy, M., Garcia-Lopez, R., Bouchy, F., Levshakov, S., Zucker, S., *Precision Spectroscopy in Astrophysics, Proceedings of the ESO/Lisbon/Aveiro Conference held in Aveiro, Portugal, 11-15 September 2006*. Edited by N.C. Santos, L. Pasquini, A.C.M. Correia, and M. Romaniello. Garching, Germany, 2008 pp. 249-253
- 109) *The luminosity function of high-redshift QSOs* Fontanot, F., **Cristiani, S.**, Monaco, P., Vanzella, E., Nonino, M., Niel Brandt, W., Grazian, A., Mao, J. *At the Edge of the Universe: Latest Results from the Deepest Astronomical Surveys ASP Conference Series*, Vol. 380, proceedings of the conference held 9-13 October, 2006 at Sintra, Portugal. Edited by Jos Afonso, Henry C. Ferguson, Bahram Mobasher, and Ray Norris., p.131
- 108) *Lyman Break Galaxies in the VLT/FORS2 spectroscopic campaign in the GOODS-S field* Vanzella,

- E., Cristiani, S., Dickinson, M., Giavalisco, M., Lee, K., Nonino, M., Rosati, P., the GOODS team Proceedings for the conference "At the Edge of the Universe: Latest results from the deepest astronomical surveys" (9-13 October 2006, Sintra, Portugal), astro-ph/0612182*
- 107) *Probing Faint Active Galaxies at Redshifts 6.7 and above Koekemoer, A. M., Bergeron, J., Alexander, D., Brandt, W., Chary, R., Conselice, C., Cristiani, S., Daddi, E., Dickinson, M., Elbaz, D., Grogin, N., Hasinger, G., Mainieri, V., Treister, E., Urry, C. M. 2007 AAS/AAPT Joint Meeting, American Astronomical Society Meeting 209*
- 106) *Black Hole Masses and Eddington Ratios of AGNs Contributing Most of the XRB Ballo, L., Cristiani, S., Danese, L., Fasano, G., Fontanot, F., Nonino, M., Tozzi, P., Vanzella, E. 2006, Proceedings of the The X-ray Universe 2005 (ESA SP-604). 26-30 September 2005, El Escorial, Madrid, Spain. Editor: A. Wilson, p.597*
- 105) *NIR/Optical observations of the GOODS-S field . Tracing the mass assembly history of galaxies Grazian, A., Fontana, A., De Santis, C., Salimbeni, S., Nonino, M., Giallongo, E., Gallozzi, S., Menci, N., Vanzella, E., Cristiani, S., 2006, Memorie della Societa Astronomica Italiana Supplement, v.9, p.301 (2006) 9, 301*
- 104) *CODEX: measuring the acceleration of the universe and beyond Pasquini, L., Cristiani, S., Dekker, H., Haehnelt, M., Molaro, P., Pepe, F., Avila, G., Delabre, B., D'Odorico, S., Liske, J., Shaver, P., Bonifacio, P., Borgani, S., D'Odorico, V., Vanzella, E., Bouchy, F., Dessauges, M., Lovis, C., Mayor, M., Queloz, D., Udry, S., Murphy, M., Viel, M., Grazian, A., Levshakov, S., Moscardini, L., Wiklind, T., Zucker, S., 2006, The Scientific Requirements for Extremely Large Telescopes, Proceedings of the 232nd Symposium of the International Astronomical Union, Held in Cape Town, South Africa, November 14-18, 2005, Edited by Patricia Ann Whitelock, Michel Dennefeld, Bruno Leibundgut. Cambridge: Cambridge University Press, 2006., pp.193-197*
- 103) *GOODS' look at galaxies in the young universe. Vanzella, E., Cristiani, S., Dickinson, M., Kuntschner, H., Rettura, A., Moustakas, L. A., Nonino, M., Popesso, P., Rosati, P., Stern, D., Cesarsky, C., Fergusson, H. C., Fosbury, R. A. E., Giavalisco, M., Haase, J., Renzini, A., (Goods Team), 2005 The Messenger, 122, 25-27*
- 102) *CODEX: Measuring the Expansion of the Universe Pasquini, L., Cristiani, S., Dekker, H., Haehnelt, M., Molaro, P., Pepe, F., Avila, G., Delabre, B., D'Odorico, V., Vanzella, E., Bouchy, F., Dessauges-Lavadsky, M., Lovis, C., Mayor, M., Queloz, D., Udry, S., Murphy, M., Viel, M. A., Levshakov, S., Moscardini, L., Wiklind, T., Zucker, S., 2005, The Messenger, 122, 10*
- 101) *Probing 3-D matter distribution at  $z \approx 2$  with QSO multiple lines of sight Cristiani, S., D'Odorico V., Saitta F., Viel M., Bianchi S., B. Boyle, S. Lopez, J. Maza, P. Outram, IAU Colloquium 199 on "Probing Galaxies through Quasar Absorption Lines", held in Shanghai from March 14th to 18th, 2005, P.R. Williams, C.-G. Shu and B. Menard ed., pg. 412*
- 100) *EXO's: a population of dusty, high-redshift AGN, Koekemoer, Anton M., Alexander, D. M., Bauer, F. E., Bergeron, J., Brandt, W. N., Cristiani, S., Dickinson, M., Grogin, N. A., Mainieri, V., Mous-*

- takas, L., Urry, C. M., in *Proceedings of the dusty and molecular universe: a prelude to Herschel and ALMA, 27-29 October 2004, Paris, France*. Ed. by A. Wilson. ESA SP-577, Noordwijk, Netherlands: ESA Publications Division, ISBN 92-9092-855-7, 2005, p. 111 - 114
- 99) *EXOs: A Population of Dusty AGN in the Early Universe* Koekemoer, A. M., Alexander, D. M., Bauer, F. E., Bergeron, J., Brandt, W. N., **Cristiani, S.**, Dickinson, M., Grogin, N. A., Mainieri, V., Moustakas, L., Urry, C. M., 2005, *MemSAIt* 76, 138
- 98) *Unveiling old massive spheroidal galaxies in the young universe*, Cimatti, A., Daddi, E., Renzini, A., Cassata, P., Vanzella, E., Pozzetti, L., **Cristiani, S.**, Fontana, A., Rodighiero, G., Mignoli, M., Zamorani, G., 2004 *The ESO Messenger*, 118, 51
- 97) *VLT/FORS2 spectroscopy in the GOODS-South field*, Vanzella, E., **Cristiani, S.**, Dickinson, M., Kuntschner, H., Moustakas, L. A., Monino, M., Rosati, P., Stern, D., Cesarsky, C., Ettori, S., Ferguson, H. C., Fosbury, R. A. E., Giavalisco, M., Haase, J., Renzini, A., Rettura, A., Serra, P., *The Goods Team*, 2004, *The ESO Messenger*, 118, 45
- 96) *The large programme "cosmic evolution of the IGM* Bergeron, J., Petitjean, P., Aracil, B., Pichon, C., Scannapieco, E., Srianand, R., Boisse, P., Carswell, R. F., Chand, H., **Cristiani, S.**, Ferrara, A., Haehnelt, M., Hughes, A., Kim, T.-S., Ledoux, C., Richter, P., Viel, M., 2004, *the ESO Messenger* 118, 40
- 95) *Formation and evolution of QSOs: Clues from the GOODS and UVES programs - the anti-hierarchical scenario*, **Cristiani, S.**, *Proceedings of "Baryons in Dark Matter Halos"*. Novigrad, Croatia, 5-9 Oct 2004. Editors: R. Dettmar, U. Klein, P. Salucci. Published by SISSA, *Proceedings of Science*, <http://pos.sissa.it>, p.6
- 94) *The Lyman-alpha forest according to LUQAS*, Viel M., M. Haehnelt, T.-S. Kim, B. Carswell, **Cristiani, S.**, A. Heavens, L. Hernquist, S. Matarrese, V. Springel, 2004, *XXXIXth Rencontres de Moriond on "Exploring the Universe"*, La Thuile, Italy, March 28 - April 4, 2004, [astro-ph/0405584](http://astro-ph/0405584)
- 93) *High-redshift QSOs in the GOODS*, **Cristiani, S.**, D. M. Alexander, F. Bauer, W. N. Brandt, E. T. Chatzichristou, F. Fontanot, Grazian A., A. Koekemoer, R. A. Lucas, J. Mao, Monaco P., Nonino M., P. Padovani, Stern D., P. Tozzi, E. Treister, C. M. Urry, Vanzella E., *proceedings of the Venice conference "Multiwavelength Mapping of Galaxy Formation and Evolution"*, [astro-ph/0403494](http://astro-ph/0403494)
- 92) *Tracing the evolution of massive galaxies up to  $z \sim 3$*  M. Longhetti, P. Saracco, **Cristiani, S.**, Fontana A., Giallongo E., Nonino M., Vanzella E., *proceedings of the Venice conference "Multiwavelength Mapping of Galaxy Formation and Evolution"*, [astro-ph/0312293](http://astro-ph/0312293)
- 91) *Lessons on Galaxy Formation from Observations of the IGM*, **Cristiani, S.**, Bianchi, S., D'Odorico, S., Kim, T.-S., 2003, *Rev. Mex. A&A*. 17, 275
- 90) *The evolution of the near-IR Luminosity function from K20 survey*, Pozzetti L., Cimatti A., Zamorani G., et al., 2003, *Rev. Mex. A&A*. 17, 250
- 89) *The Asiago-ESO QSO Survey* Omizzolo A., Grazian A., Negrello M., Moscardini L., **Cristiani, S.**, Haehnelt M.G., Matarrese S., Vanzella E., 2003, *IAUJD* 10, 70

- 88) *Evolution of optically and IR-selected galaxies from deep multicolor surveys*, Giallongo E., **Cristiani, S.**, D’Odorico S., Fontana A., Menci, N., Nonino, M., Poli, F., Saracco, P., Vanzella, E., 2003, *SPIE* 4834, 203
- 87) *Optical Properties of All the X-ray Sources within the GOODS HST/ACS Survey of the Chandra Deep Field South*, Koekemoer, A. M., Alexander, D., Bauer, F., Bergeron, J., Brandt, N., Chatzichristou, E., Conselice, C., **Cristiani, S.**, Elbaz, D., Fosbury, R., Giacconi, R., Grogin, N. A., Hornschemeier, A., Lucas, R., Mainieri, V., Moustakas, L., Nonino, M., Ravindranath, S., Rosati, P., Schreier, E. J., Simmons, B., Stern, D., Urry, C. M., Fall, M., *GOODS Team*, 2003, *AAS* 202, 4218
- 86) *The K20 survey: new light on galaxy formation and evolution*, Cimatti, A., Daddi, E., Mignoli, M., Pozzetti, L., Fontana, A., Broadhurst, T., Poli, F., Saracco, P., Renzini, A., Zamorani, G., Menci, M., **Cristiani, S.**, D’Odorico, S., Giallongo, E., Gilmozzi, R., di Serego Alighieri, S., Vernet, J., 2003, *The Messenger* 111, 29
- 85) *Clustering at High Redshift* **Cristiani, S.**, Arnouts, S., Fontana, A., Saracco, P., Vanzella, E., in “*The Mass of Galaxies at Low and High Redshift*”, *Proceedings of the ESO Workshop held in Venice, Italy, 24-26 October 2001*, p. 136.
- 84) *The Evolution of the Near-IR Luminosity Function to  $z \simeq 1$  in the K20 Redshift Survey*, Pozzetti, L., Zamorani, G., Cimatti, A., Mignoli, M., Fontana, A., Poli, F., Renzini, A., Broadhurst, T., **Cristiani, S.**, Daddi, E., D’Odorico, S., Giallongo, E., Gilmozzi, R., Menci, N., Saracco, P., in “*The Mass of Galaxies at Low and High Redshift*”, *Proceedings of the ESO Workshop held in Venice, Italy, 24-26 October 2001*, p. 138
- 83) *ESO for GOODS’ Sake* Renzini, A., Cesarsky, C., **Cristiani, S.**, da Costa, L., Fosbury, R., Hook, R., Leibundgut, B., Rosati, P., Vandame, B., In “*The Mass of Galaxies at Low and High Redshift*”, *Proceedings of the ESO Workshop held in Venice, Italy, 24-26 October 2001*, p. 332.
- 82) *Exploring the Intergalactic Medium with VLT/UVES* **Cristiani, S.**, Bianchi S., D’Odorico S., Kim, T.-S., 2002, in “*Lighthouses of the Universe*” *Proceedings of the MPA/ESO/*, p. 491
- 81) *APPLES: The ACS Pure Parallel Lyman-alpha Emission Survey* Rhoads, J. E. et al. 2002, *AAS* 201, 5221
- 80) *Lyman break galaxies in the Great Observatories Origins Deep Survey* Kretchmer, C., et al., 2002, *AAS* 201, 0614
- 79) *The Clustering Properties of High-Redshift Galaxies in the GOODS* Giavalisco M., et al. 2002, *AAS* 201, 0609
- 78) *The QSO Luminosity Function with the Asiago-ESO/RASS QSO Survey*, in “*AGN in the Year 2000*”, Trieste, 15-18 May 2000, **Cristiani, S.**, Grazian A., Omizzolo A., 2001, ed. A.Celotti, *Mem.S.A.It.* 72 - 1, 179.
- 77) *Quasar absorption lines as a cosmological probe: exploring the Lyman Forest with VLT/UVES* Bianchi S., **Cristiani, S.**, D’Odorico S., Kim T.-S., 2002, in the *Proceedings of the ESO-CERN-ESA Symposium on Astronomy, Cosmology and Fundamental Physics, Garching bei Munchen, March 4-7, 2002*, edited by

P.A. Shaver, L. Di Lella and A. Gimenez.

76) *ESO for GOODS' sake*, Renzini A., Cesarsky C., **Cristiani, S.**, da Costa L., Fosbury R., Hook R., Leibundgut B., Rosati P., Vandame B., *proceedings of the ESO/USM Workshop "The Mass of Galaxies at Low and High Redshift"* (Venice, Italy, October 2001), eds. R. Bender and Renzini A.

75) *The Great Observatories Origins Deep Survey (GOODS)* Fosbury R., Bergeron J., Cesarsky C., **Cristiani, S.**, Hook R., Renzini A., Rosati P., 2001, *ESO Msngr* 105, 40

74) *Coincidences of high density peaks in UVES spectra of QSO pairs* D'Odorico V., P. Petitjean, **Cristiani, S.**, in the *Proceedings of the Meeting on Gaseous Matter in Galactic and Intergalactic Space, XVIIth IAP Colloquium, Paris, June 2001*

73) *Exploring the Lyman Forest with VLT/UVES* **Cristiani, S.**, Bianchi S., D'Odorico S., Kim T.-S., 2001, in the *Proceedings of the Meeting on Gaseous Matter in Galactic and Intergalactic Space, XVIIIth IAP Colloquium, Paris, June 2001*

72) *Exploring the Lyman Forest at  $z=2$  with UVES* **Cristiani, S.**, D'Odorico S., Kim T.-S., 2000, *ESO Messenger*, 102, 8

71) *IFMOS: Integral Field Multi Object Spectrograph for the NGST* Le Fèvre O., Allington-Smith J., Prieto. E., Bacon R., Content R., **Cristiani, S.**, Davies R., Delabre B., Ellis R., Monnet G., Pcontal E., Posselt W., Thatte N., de Zeeuw P. T., van der Werf P., 2000, *Imaging the Universe in Three Dimensions. Proceedings from ASP Conference Vol. 195. Edited by W. van Breugel and J. Bland-Hawthorn*, p. 431

70) *Mining the local Universe: the QSO space density*, **Cristiani, S.**, Grazian A., Omizzolo A., Corbally C., 2000, *Proceedings of the MPA/ESO/MPE Joint Astronomy Conference "MINING THE SKY"*, July 31 - August 4, 2000, Garching, Germany

69) *Far-IR Photometry of Optical Quasars*, Andreani P., **Cristiani, S.**, Grazian A., Goldschmidt P., La Franca F., 2000, *Proc. of FIRSED2000 Workshop held in Groningen April 27-29 2000*, Elsevier New Astronomy Reviews series. Editors van Bemmell, Wilkes, Barthel.

68) *Mining The Local Universe For Data: The QSO Luminosity Function With The Asiago-ESO/RASS QSO Survey* **Cristiani, S.**, Grazian A., Omizzolo A., 2000, *Proceedings of the Meeting "AGN nel 2000"*, Trieste 15-18 May 2000

67) *High redshift evolution of optically and IR-selected galaxies* Fontana A., Menci N., Giallongo E., Poli F., **Cristiani, S.**, D'Odorico S. Moorwood A., Saracco P., 2000, *Proc. Cosmic Evolution and Galaxy Formation, ASP Conf. Series*

66) *IFMOS - Integral Field Multi-Object Spectrograph for NGST* Le Fèvre O., et al. (including **Cristiani, S.**), *NGST Science and Technology Exposition, 2000, ASP Conf. Series, 207, 313*

65) *Early Results of the ESO VLT* **Cristiani, S.**, 1999, *To appear in the Proceedings of the 1st Workshop of the Italian Network "Formation and Evolution of Galaxies"*

64) *The evolution of the clustering of QSOs*, La Franca F., Andreani P., **Cristiani, S.**, 1999, in *Observational Cosmology: The Development of Galaxy Systems, Proceedings of the International Workshop*

- held at Sesto Pusteria, Bolzano, Italy, 30 June - 3 July, 1998, Eds.: G. Giuricin, M. Mezzetti, and P. Salucci, *Astronomical Society of the Pacific*, Vol. 176, p. 341
- 63) *The Photometric Redshift Distribution of Galaxies in the Field of the QSO BR1202-0725* Giallongo E., D'Odorico S., Fontana A., **Cristiani, S.**, Egami E., Hu E., McMahon R. G., 1998, in "The young universe: Galaxy Formation and Evolution at Intermediate and High Redshift", D'Odorico S., Giallongo E., Fontana A. eds., *ASP Conference Series*, 146, 12
- 62) *The UV Background and the Lyman alpha Clouds at High Redshift*, Giallongo E., **Cristiani, S.**, D'Odorico S., Fontana A., Savaglio S., 1997, in 13<sup>th</sup> IAP Astrophysical Colloquium *Structure and Evolution of the Intergalactic Medium*, Charlot and Petitjean eds., pg. 127
- 61) *The evolution of the clustering of QSOs*, La Franca F., Andreani P., **Cristiani, S.**, 1999, in *ESO/ATNF Workshop "Looking Deep in the Southern Sky"*, Sydney, eds. R. Morganti, W. Couch, Springer-Verlag, p.216
- 60) *The Kormendy Relation of HDF Ellipticals*, Fasano G., **Cristiani, S.**, Arnouts S., 1997, in 'The Hubble Deep Field', ed. M.Livio, *STScI Symposium Series*
- 59) *Simulations of High Redshift Galaxies Colors at the NTT-SUSI2 and VLT-FORS*, Fontana A., Charlot S., **Cristiani, S.** et al., in *The Early Universe with VLT* (Springer), ed. Bergeron, pg.392
- 58) *Quasar Surveys* **Cristiani, S.**, La Franca F., 1996, in *ESO Workshop on "The Early Universe with the VLT"*, ed. Bergeron J., Springer, pg.308
- 57) *Search for Galaxies at  $z > 4$  from a Deep Multicolor Survey*, Giallongo E., Charlot S., **Cristiani, S.**, D'Odorico S., Fontana A., Savaglio S., 1996, in *ESO Workshop on "The Early Universe with the VLT"*, ed. Bergeron J., Springer
- 56) *The optical variability of quasars: testing the starburst, accretion disk and microlensing paradigms*, **Cristiani, S.**, Trentini S., La Franca F., Aretxaga I., Andreani P., in *INAOE conference "Starburst Activity in Galaxies"*, 1996, Puebla, *Rev. Mex. de Astr. y Astrof.* 1997, vol. 6, pg.253
- 55) *The Homogeneous Bright Quasar Survey and the Quasar Evolution in the Optical, X and Radio Bands and the Clustering Evolution*, La Franca F., **Cristiani, S.**, 1996, *Astro Lett. and Communications* 33, 85
- 54) *Clustering Properties of the Ly $\alpha$  clouds*, **Cristiani, S.**, D'Odorico S., D'Odorico V., Fontana A., Giallongo E., S. Savaglio, 1996, in *Clustering in the Universe*, XXX Rencontre de Moriond, ed. Maurogordato, Balkowski, Tao, Tran Thanh Van, (Editions Frontieres, Gif-sur-Yvette), pg.421
- 53) *The Homogeneous Bright Quasar Survey and the Quasar Evolution in the Optical, X and Radio Bands*, **Cristiani, S.**, La Franca F., 1995, 35th Herstmonceux Conference "Wide Field Spectroscopy and the Distant Universe", eds. Maddox S.J., Aragon-Salamanca A., World Scientific, Singapore-New Jersey-London-Hong Kong, pg.388
- 52) *Clustering of the Ly $\alpha$  Clouds in the Line of Sight to the  $z=3.66$  QSO 0055-269*, **Cristiani, S.**, D'Odorico S., Fontana A., Giallongo E., Savaglio S., 1995, *ESO Workshop on "QSO Absorption Lines"*, Garching, G.Meylan ed., pg.357

- 51) *On the Results of the ESO Key Program on the Gunn-Peterson Effect at High Redshift*, Giallongo E., D'Odorico S., Fontana A., **Cristiani, S.**, Molaro P., 1995, *ESO Workshop on "QSO Absorption Lines"*, Garching, G.Meylan ed., pg.393
- 50) *Dynamics of Quasar Variability*, **Cristiani, S.**, Vio R., 1994 in *The Nature of Compact Objects in AGN - 33rd Herstmonceux Conference*, eds. Robinson, Terlevich, Cambridge University press, pg.416
- 49) *The ESO Key-Programme QSO absorption lines*, D'Odorico S., **Cristiani, S.**, Giallongo E., Molaro P., Savaglio S., Trevese D., 1993, *3rd Sesto Workshop*, published by S.I.S.S.A, eds. F.Mardirossian, L.Mezzetti
- 48) *The ELF proposal*, **Cristiani, S.**, Gratton R., Buson L., Giallongo E., 1993, in *XXXVII Meeting of the Italian Astronomical Society, Firenze, MemSAIt, 64, 719*
- 47) *Evolution of the Quasar Population at redshifts  $< 2$*  Miller L., Goldschmidt P., La Franca F., **Cristiani, S.**, 1993, in *Observational Cosmology, Milano, ed. Chincarini et al.*, pg.614
- 46) *Radio Properties of Optically Selected Quasars - VLA Observations of 23 Intermediate Redshift Quasars*, La Franca F., Gregorini L., **Cristiani, S.**, De Ruiter H., Owen F., 1993, in *Observational Cosmology, Milano, ed. Chincarini et al.*, pg.589
- 45) *The Evolution of quasar clustering* Andreani P., **Cristiani, S.**, 1993, *8th IAP Astrophysics meeting, Paris, ed. Guiderdoni, Rocca-Volmerange, Dennefeld, pg.329*
- 44) *A Homogeneous Bright QSO Survey - Results of an ESO Key Programme*, **Cristiani, S.**, La Franca F., Miller L., P. Goldschmidt, Andreani P., Gemmo A., Vio R., Barbieri C., Bodini L., Lazzarin M., McGillivray H., Clowes R.G., Gouiffes C., Iovino A., Savage A., 1993, *8th IAP Astrophysics meeting, Paris, ed. Guiderdoni, Rocca-Volmerange, Dennefeld, pg.353*
- 43) *The Luminosity Function of White Dwarfs: A Study of the SA 94* Gemmo A., La Franca F., **Cristiani, S.**, Barbieri C., 1993, *NATO Advanced Research Workshop White Dwarfs: Advances in Observations and Theory, Leicester U.K., ed. M.A. Barstow, pg.23*
- 42) *A Global Approach to Quasar Cosmology*. **Cristiani, S.**, Andreani P., Vio R., La Franca F., Miller L., Goldschmidt P., Gemmo A., Barbieri C., Bodini L., Lazzarin M., McGillivray H., Clowes R.G., Gouiffes C., Iovino A., Savage A., 1993, *XXXVI Meeting of the Italian Astronomical Society, Teramo, MemSAIt, 64, 625*
- 41) *Is the Universe a Fractal? Tests on Quasar Samples* Andreani P., **Cristiani, S.**, La Franca F., 1992, *Proceedings of the International workshop on Galaxy Environments and the Large Scale Structure of the Universe, Trieste, Giuricin, Mardirossian & Mezzetti ed.*
- 40) *A Homogeneous Bright Quasar Survey - First results of a Key Programme*, **Cristiani, S.**, La Franca F., Andreani P., Gemmo A., Vio R., Barbieri C., Lazzarin M., Sanvico M., Miller L., Goldschmidt P., McGillivray H., Clowes R.G., Gouiffes C., Iovino A., Savage A., *Proceedings of the International workshop on Galaxy Environments and the Large Scale Structure of the Universe, Trieste, Giuricin, Mardirossian & Mezzetti ed.*
- 39) *Quasar Absorption Spectra: the physical state of the intergalactic medium at high redshifts*, Giallongo

- E.*, **Cristiani, S.**, Fontana A., Trevese D., 1992, *The Messenger*, 69, 52
- 38) *The Edinburgh multi-color survey for quasars* Goldschmidt P., Mitchell P.S., Miller L., Stobie R.S., Boyle B.J., La Franca F., **Cristiani, S.**, Cannon R.D., Griffiths W.K., Lilly S.J., Prestage R.M., 1992, *2nd Conference on Digitised Optical Sky Surveys Edinburgh*, pg.411
- 37) *Quasars as cosmological probes. An ESO Key-Programme*, Barbieri C., **Cristiani, S.**, Andreani P., Clowes R.G., Gemmo A., McGillivray H., Gouiffes C., Iovino A., La Franca F., Sanvico M., Savage A., Vio R., *meeting on Physical Cosmology, Blois, 28 August - 1 September 1990*
- 36) *The Clustering of Quasars and its Evolution*, Iovino A., Shaver P.A., **Cristiani, S.**, *workshop on The Space Distribution of Quasars, 1991, Victoria, Canada, PASP conference series 21, 202*
- 35) *A Complete Quasar Sample at Intermediate Redshift*, La Franca F., **Cristiani, S.**, Barbieri C., Clowes R.G., Iovino A., 1991, *NATO Workshop Observational Tests of Inflation*, ed. T.Shanks et al., pg.461
- 34) *Intergalactic Absorption in the Spectra of High-Redshift QSOs*, **Cristiani, S.**, Giallongo E., 1991, *NATO Workshop Observational Tests of Inflation*, ed. T.Shanks et al., pg.457
- 33) *Spettroscopia a Bassa Risoluzione, 1991*, **Cristiani, S.**, Conconi P., Held E., Iovino A., Merighi R., Stirpe G., Zitelli V., *Workshop on Progetti Italiani e Prospettive per la Strumentazione per i Grandi Telescopi Ottici, Firenze 26-27 Ottobre 1989*, ed. F.Scaltriti
- 32) *A Homogeneous Bright Quasar Survey*, La Franca F., **Cristiani, S.**, Andreani P., Gemmo A., Vio R., Barbieri C., Lazzarin M., Sanvico M., Miller L., Goldschmidt P., McGillivray H., Clowes R.G., Gouiffes C., Iovino A., Savage A., 1992, *2 Conference on Digitised Optical Sky Surveys Edinburgh June 1991*, pg.405
- 31) *SA 94: A Test Lab for QSO Counts, Clustering and Variability* **Cristiani, S.**, La Franca F., Andreani P., Vio R., Barbieri C., Lazzarin M., 1991, *workshop on the Space Distribution of Quasars Victoria, 1991, PASP conference series, 21, 22*
- 30) *A Homogeneous Bright Quasar Survey - Description of a Key Programme*, **Cristiani, S.**, La Franca F., Andreani P., Gemmo A., Vio R., Barbieri C., Lazzarin M., Sanvico M., Miller L., Goldschmidt P., McGillivray H., Clowes R.G., Gouiffes C., Iovino A., Savage A., *workshop on the Space Distribution of Quasars Victoria, 1991, PASP conference series 21, 76*
- 29) *A Homogeneous Bright Quasar Survey*, **Cristiani, S.**, Andreani P., Barbieri C., Clowes R.G., Gemmo A., McGillivray H., Gouiffes C., Iovino A., La Franca F., Miller L., Savage A., Vio R., 1991, *Measuring Machines Newsletter*, 13, 25
- 28) *The Evolution of the Lyman Forest*, **Cristiani, S.**, Giallongo E., Buson L.M., *ESO Mini-Workshop on Quasar Absorption Lines, 21-21 Feb 1991*, ed.P.Shaver, J.Wampler, A.Wolfe, *ESO Scientific Report*, 9, 29
- 27) *High and Low Resolution Spectra of Selected Planetary Nebulae*, **Cristiani, S.**, Sabbadin F., Ortolani S., 1989, *IAU Symp.131 on Planetary Nebulae*, S.Torres-Peimbert ed., pg.191
- 26) *Radial Velocities and Radial Velocity Variations on Nearby Stars with the ESO CAT+CES instru-*



- ment, Barbieri C., **Cristiani, S.**, Nota A., Pegoraro A., 1989, Padova Publication No 97
- 25) Quasars in the field of SA 94 - A color survey, **Cristiani, S.**, Barbieri C., Iovino A., La Franca F., Nota A., 1989, IAU Symp.134, Active Galactic Nuclei, Osterbrock and Miller ed., pg.41
- 24) Project of a Key-Programme for the Asiago Schmidt.A Survey at high galactic latitudes. Vio R., La Franca F., Gemmo A., **Cristiani, S.**, Barbieri C., Andreani P., 1989, Workshop on the Utilization of the Asiago Schmidt Telescopes, Barbieri and Cappellaro eds., pg.25
- 23) Il Telescopio Galileo, Barbieri C., **Cristiani, S.**, Zambon M., 1989, III Convegno Nazionale di Astronomia IR, Gallipoli, MemSAIt, 61, 217
- 22) Spectroscopy and Photometry of a type II Supernova 1985P in NGC 1433, Chalabaev A., **Cristiani, S.**, 1988, ESO workshop on the SN 1987A, ed. Danziger, pg.655
- 21) Optical Photometry of the SN 1987A, **Cristiani, S.**, Bouchet P., Gouiffes C., Sauvageot J.L., Arsenault R., Francois P., Barwig H., Fischerstrom C., Guenter T., Haefner R., Lebertre T., Loyola P., Magnusson P., Manfroid J., Mekkaden M.V., Schoembs R., Slezak E., Stanga R., 1988, ESO Workshop on the SN 1987A, ed.Danziger, pg.65
- 20) Quasar Pairs, Associated Absorption and Cosmology, **Cristiani, S.**, Shaver P.A., 1988, Conference New Ideas in Astronomy Venice May 5-7 1987, ed Bertola, Sulentic, Madore, pg.155
- 19) Quasar Pairs and High Redshift Clusters of Galaxies, **Cristiani, S.**, Shaver P.A., 1988, 3rd IAP Astrophysical Meeting on High Redshift and Primeval Galaxies, ed.Bergeron, Kunth, Rocca-Volmerange and Tran Thanh Van, pg.383
- 18) Initial Analysis of the Spectrum of SN 1987A, Fosbury R.A.E., Danziger I.J., Lucy L.B., Gouiffes C., **Cristiani, S.**, 1988, ESO workshop on the SN 1987A, ed. Danziger, pg.139
- 17) The Interaction of the Quasar PKS 0812+02 with the Surrounding Cluster of Galaxies Guzzo L., Danziger I.J., **Cristiani, S.**, Shaver P.A., 1988, IAU Symp.No.130, Balatonfured, pg.573.
- 16) The Clustering of Quasars, Iovino A., Shaver P.A., Osmer P.S., Hewitt P., Crampton D., Cowley A.P., Hartwick F.D.A., Barbieri C., **Cristiani, S.**, 1988, meeting on Large-Scale Structure and Motions in the Universe, Trieste, ed.Giuricin
- 15) The Interaction of the Quasar PKS 0812+02 with the Surrounding Cluster of Galaxies Danziger I.J., Guzzo L., **Cristiani, S.**, Shaver P.A., 1987, Bull.Am.Astron.Soc. 19, 1126
- 14) Observations of Four Faint QSOs surrounding the TOL1037-27/1038-27 Pair, Jakobsen P., Perryman M.A.C., **Cristiani, S.**, 1987, Meeting on QSO Absorption Lines: Probing the Universe, Baltimore, STScI prep., eds. Blades, Norman, Turnshek pg.110
- 13) Absorption Systems in the Spectra of the QSOs TOL1037-27/1038-27, Robertson J.G., **Cristiani, S.**, Danziger I.J., Shaver P.A., 1987, Meeting on QSO Absorption Lines: Probing the Universe, Baltimore, STScI prep., ed. Blades, Norman and Turnshek pg.110
- 12) Multifrequency Observations of the Seyfert Galaxy 3C 120 in 1983-86, Maraschi L., Chiappetti L., **Cristiani, S.**, Danziger I.J., Falomo R., Malkan M.A., G.Tagliaferri, Tanzi E.G., Treves A., Wamsteker W., 1987, in Observational Evidence of Activity in Galaxies IAU Symp.121, eds. Khachikian, Fricke,

Melnick, pg.215

11) *EFOSC Observations of Quasar Pairs*, **Cristiani, S.**, Shaver P.A., 1987, *Meeting on QSO Absorption Lines: Probing the Universe*, Baltimore, STScI prep., ed. Blades, Norman and Turnshek pg.103

10) *Far UV Observations of the LMC X-3, an X-Ray Binary Containing a Black Hole*, Treves A., Belloni T., Chiappetti L., **Cristiani, S.**, Falomo R., Maraschi L., Tanzi E.G., van der Klis M., 1986, *International Symp. New Insights in Astrophysics 8 Years of Astronomy with IUE*, London, ed. Rolfe, pg.451

9) *Changes in the Soft and Hard X-ray Light Curves of the AM Her Object E1405-51*, Osborne J.P., Cropper M., **Cristiani, S.**, 1986, in *Bamberg IAU Colloquium 93 Cataclismic Variables*, ed.Drechsel, Kondo, Rahe, *Astrophysics and Space Science* 131, 643

8) *Observations of QSOs and related objects with EFOSC, the ESO faint object spectrograph and camera*, D'Odorico S., **Cristiani, S.**, Clowes R.G., Keable C.J., 1986, *IAU Symp.No.119 Quasars*, eds. Swarup and Kapahi, pg.57

7) *Quasar Candidates in the Field of S.A.94*, Barbieri C., **Cristiani, S.**, 1986, in *the Trieste Symposium on Structure and Evolution of AGN's*, ed.Giuricin, Mardirossian, Mezzetti, Ramella, Reidel, pg.465

6) *The Asiago Catalogue of QSOs edition 1985*, Barbieri C., Chu Y., **Cristiani, S.**, Nota A., 1986, *IAU Symp.No.119 Quasars*, ed.Swarup and Kapahi, pg.53

5) *The Optical Variability of 3C446*, Barbieri C., **Cristiani, S.**, Romano G., 1984, in *Astronomy with Schmidt-Type Telescopes*, *IAU Coll.No.78*, ed. Capaccioli, pg.473

4) *Software for Data Reduction from Digitized Detectors*, Bonoli C., Bortoletto F., **Cristiani, S.**, Falomo R., *SPIE Technical Conference, Sept.1983*, ed.Boksenberg and Crawford, pg.187

3) *Optical Variability of Quasi Stellar Objects*, Barbieri C., **Cristiani, S.**, Nardon G., Romano G., 1983, in *Quasars and Gravitational Lenses, XXIV Liege Astrophysical Colloquium*, pg.443

2) *Optical Variability of QSOs*, Barbieri C., **Cristiani, S.**, Nardon G., Romano G., 1983, *MemSAIt*, 54, 617

1) *The Asiago Catalogue of QSOs*, Barbieri C., Capaccioli M., **Cristiani, S.**, Nardon G., Omizzolo A., 1983, *MemSAIt*, 54, 601

### 3 Technical Reports

*CODEX: Measuring the Expansion of the Universe (and beyond)* Pasquini L., **Cristiani, S.**, Dekker H, et al. 2005, *ESO MESSenger* 122, 10

*Evolution of optically and IR-selected galaxies from deep multicolor surveys*, Giallongo, E., **Cristiani, S.**, D'Odorico, S., Fontana, A., Menci, N., Nonino, M., Poli, F., Saracco, P., Vanzella, E., 2003, *SPIE* 4834, 203

8) *Calibration concept for the JWST Near-Infrared Spectrograph (NIRSpec)* Kuntschner, H., Fosbury, R., Freudling, W., **Cristiani, S.**, 2003, *ISR JWST 2003-01*

- 7) *Confusion limits on Spectra taken with the Next generation Space Telescope Near-Infrared Multi-Object Spectrograph*, Freudling W., Arribas S., **Cristiani, S.**, Fosbury R., Jakobsen P., Pirzkal N., 2001, *AAS* 199, 806
- 6) *Parasitic Light in NGST instruments: the accuracy of photometric redshifts and the effect of filter leaks in the visible and near IR camera*, **Cristiani, S.**, Arnouts S., Fosbury R.A.E., 2001, *ISR NGST* 2001-01, astro-ph/0106298
- 5) *The UVES Data Reduction Pipeline*, Ballester P., Modigliani A., Boitquin O., **Cristiani, S.**, Hanuschik R., Kaufer A., Wolf S., 2000 *ESO Mess.* 101, 31
- 4) *The Performance of UVES, the Echelle Spectrograph for the ESO VLT and Highlights of the First Observations of Stars and Quasars*, D’Odorico S., **Cristiani, S.**, Dekker H., Hill V., Kaufer A., Kim T., Primas F., 2000, *SPIE Proceedings*, 4005, 121
- 3) *ESA Study for an Integral Field Multi-Object Spectrograph for the NGST*, Le Fèvre O., Allington-Smith J., Bacon R., **Cristiani, S.**, et al. 1999, *ESA Final Presentation ESTEC Jun 17, 1999*.
- 2) *ELF: Proposed European Participation in the NASA Lyman-FUSE Mission: a proposal submitted to ESA in response to the call for mission ideas for the Medium-3 mission in the Horizon 2000 Programme*, 1993, A.J. Willis, B. Ashenbach, M. Barstow, **Cristiani, S.**, O. Engvold, K. Eriksson, C. Fransson, R. Kudritzki, H. Lamers, B. Montesinos, H. Nussbaumer, R. Prange, J.P. Swings, A. Vidal-Madjar, O. Vilhu, W. Wamsteker.
- 1) *Spettroscopia a Bassa Risoluzione*, 1990, **Cristiani, S.**, Conconi P., E. Held, Iovino A., R. Merighi, G. Stirpe, V. Zitelli.

## 4 Invited Lectures

1. *Spectrographs and Spectroscopists for the Sandage Test*, Cristiani, S., Boutsia, K., Calderone, G., et al., 2023, arXiv:2302.04365
2. *From CASPEC La Silla to the ELT, trends and future directions of high-resolution spectroscopy for cosmological studies of the IGM*, *Conference on Shedding Light on the Dark Universe with Extremely Large Telescopes*, 2-6 July 2018, ICTP, Trieste
3. *High-resolution spectroscopy of the intergalactic medium to uncover treasures of Cosmology*, *Conference “79 and counting: a large-scale tribute to Silvio Bonometto”*, 28-29 June 2018
4. *On the Formation and Evolution of QSOs* **Cristiani, S.**, 2004, *Ap&SS* 294, 79
5. *Science with FORS*, Appenzeller I., Bender R., Böhnardt H, **Cristiani, S.**, Dietrich M. et al., 2000, in the *Proceedings of the VLT Opening Symposium, Antofagasta, Chile 1-4 March 1999*, 3
6. *Clustering at High Redshift*, **Cristiani, S.**, 2000, in the *Proceedings of the VLT Opening Symposium, Antofagasta, Chile 1-4 March 1999*, 184

7. *Probing the Large Scale Structure with QSOs and radio-galaxies*, **Cristiani, S.**, 1998, in *MPA/ESO Cosmology Conference "Evolution of Large-Scale Structure: From Recombination to Garching"*, Garching, Germany, 2-7 August, 1998, Editors: Banday, Sheth, Da Costa, publisher: Printer Partners Ipskamp, Enschede, The Netherlands, pg. 321.
8. *The luminosity function and clustering evolution of Quasars*, **Cristiani, S.**, La Franca F., Andreani P., 1998, in "The young universe: Galaxy Formation and Evolution at Intermediate and High Redshift", D'Odorico S., Giallongo E., Fontana A. eds., ASP Conference Series, 146, 9
9. *Clustering of Absorbers*, **Cristiani, S.**, D'Odorico S., D'Odorico V., Fontana A., Giallongo E., Moscardini L., Savaglio S., 1997, 13<sup>th</sup> IAP Astrophysical Colloquium "Structure and Evolution of the Intergalactic Medium", Charlot and Petitjean eds., pg. 165
10. *Search for Galaxies at  $z > 4$  from a Deep Multicolor Survey* Giallongo E., Charlot S., **Cristiani, S.**, D'Odorico S., Fontana A., 1996, *The Early Universe with VLT* (Springer), Bergeron ed., pg.209
11. *The QSO evolution derived from the HBQS and other complete QSO surveys*, La Franca F., **Cristiani, S.**, 1996, in *Wide Field Spectroscopy (20-24 May 1996 Athens)*, eds. Kontizas et al.(Dordrecht: Kluwer Academic Publisher)
12. *Cosmological Adventures in the Lyman Forest*, **Cristiani, S.**, 1995, *International School of Physics "Enrico Fermi" Course "Dark Matter in the Universe"*, Varenna 25 July - 4 August 1995, pg.137
13. *The Quasi-Stellar Objects in the Field of the Selected Area 94*, Barbieri C., **Cristiani, S.**, La Franca F., 1989, invited talk at the VIII Convegno Nazionale di Relatività Generale e Fisica della Gravitazione, Cavalese (Trento), ed.Cerdonio, Cianci, Francaviglia, Toller, pg.20.
14. *Low Resolution Spectroscopy*, **Cristiani, S.**, 1988, invited lecture at the ESO-OHP Summer School on Astrophysical Observations, Observatoire de Haute Provence, 4-13 July 1988, Padova Publications.
15. *Optical Variability of QSOs*, **Cristiani, S.**, 1986, *Invited Lecture in the Trieste International Meeting on Structure and Evolution of AGN's*, ed.Giuricin, Mardirossian, Mezzetti, Ramella, pg.81.

## 5 Popular Astronomy

- 1) *L'ESO (European Southern Observatory)*, **Cristiani, S.**, 1984, *Coelum* 52, 213
- 2) *Opinioni di un Direttore*, **Cristiani, S.**, 1990, *l' Astronomia*, 95, 33
- 3) *Will La Silla Succumb to the VLT ?*, **Cristiani, S.**, 1991, *ESO Messenger* 65, 2
- 4) *L'Universo Violento: Buchi neri e quasars*, **Cristiani, S.**, 1997, in *Lunaria*, <http://www.lunaria.it/it/Sole/default.htm>

- 5) *Una galassia ai confini dell'universo*, **Cristiani, S.**, SISSA, *Master in comunicazione della scienza* 21-25 gennaio 1997, in *Cosmologia*, Le Tessere ed. CUEN, Napoli.
- 6) *Quasars: sonde ai confini dell'Universo*, 1998, *l' Astronomia*, 185, 26

## 6 IAU Circulars

- 1) *3C 446*, Barbieri C., **Cristiani, S.**, Romano G., 1983, *I.A.U.Circ.* 3856
- 2) *SN 1985I*, Chalabaev A., **Cristiani, S.**, 1985, *I.A.U.Circ.* 4059
- 3) *SN 1985P*, Chalabaev A., Bosma A., **Cristiani, S.**, Focardi P., Vauclair G., 1985, *I.A.U.Circ.* 4124
- 4) *RZ Leonis*, **Cristiani, S.**, Duerbeck H.W., Seitter W.C., 1985, *I.A.U.Circ.* 4027
- 5) *V1343 Aquilae*, Mammano A., Ciatti F., Margoni R., **Cristiani, S.**, 1982, *I.A.U.Circ.* 3670
- 6) *EXO 0748-676*, Pedersen H., **Cristiani, S.**, D'Odorico S., 1985, *I.A.U.Circ.* 4047
- 7) *SN 1987A in the LMC*, **Cristiani, S.**, Gouiffes C., Hanuschik R., Magain P., 1987, *I.A.U.Circ.* 4350
- 8) *NOVA SAGITTARII 1993*, Della Valle M., **Cristiani, S.**, Lissandrini C., 1993, *I.A.U.Circ.* 5863