

PUBLICATIONS RENOIR – 13 DEC 2018

article

2011

1. The BigBOSS Experiment, D. Schlegel *et al.*, arXiv:1106.1706 [astro-ph.IM]
2. Do Dark Gravity Theories Predict Opera Superluminal Neutrinos and LENR Phenomena?, F. Henry-Couannier *et al.*, arXiv:1110.2060 [physics.gen-ph]
3. Euclid Definition Study Report, R. Laureijs *et al.*, Euclid Collaboration, arXiv:1110.3193 [astro-ph.CO]
4. Direct Confirmation of the Asymmetry of the Cas A Supernova with Light Echoes, A. Rest *et al.*, arXiv:1003.5660
5. Designing Future Dark Energy Space Missions: II. Photometric Redshift of Space Weak Lensing Optimized Survey, S. Jouvel *et al.*, arXiv:1003.4294
6. On the Interpretation of Supernova Light Echo Profiles and Spectra, A. Rest *et al.*, arXiv:1004.3783 [astro-ph.SR]
7. Do Spectra Improve Distance Measurements of Type Ia Supernovae?, S. Blondin *et al.*, arXiv:1012.0005 [astro-ph.CO]
8. The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III, H. Aihara *et al.*, SDSS Collaboration, arXiv:1101.1559
9. Supernova Constraints and Systematic Uncertainties From the First Three Years of the Supernova Legacy Survey, A. Conley *et al.*, SNLS Collaboration, arXiv:1104.1443 [astro-ph.CO]
10. Supernova Legacy Survey: Using Spectral Signatures To Improve Type Ia Supernovae As Distance Indicators, E.S. Walker *et al.*, SNLS Collaboration, arXiv:1008.2308 [astro-ph.CO]
11. SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems, D. J. Eisenstein *et al.*, SDSS Collaboration, arXiv:1101.1529
12. Subluminous Type Ia Supernovae at High Redshift From the Supernova Legacy Survey, S. González-Gaitán *et al.*, SNLS Collaboration, arXiv:1011.4531 [astro-ph.CO]
13. The reddening law of type Ia supernovae: separating intrinsic variability from dust using equivalent widths, N. Chotard *et al.*, SNFactory Collaboration, arXiv:1103.5300 [astro-ph.CO]
14. Reducing Zero-point Systematics in Dark Energy Supernova Experiments, L. Faccioli *et al.*, arXiv:1004.3511 [astro-ph.CO]
15. Keck Observations of the Young Metal-Poor Host Galaxy of the Super-Chandrasekhar-Mass Type Ia Supernova SN 2007if, M. Childress *et al.*, arXiv:1103.2324 [astro-ph.CO]

16. Torsion, an alternative to dark matter?, A. Tilquin *et al.*, arXiv:1104.0160
17. Confronting 2D Delayed-Detonation Models with Light Curves and Spectra of Type Ia Supernovae, S. Blondin *et al.*, arXiv:1107.0009, 1107.0009v1
18. SNLS3: Constraints on Dark Energy Combining the Supernova Legacy Survey Three Year Data with Other Probes, M. Sullivan *et al.*, SNLS Collaboration, arXiv:1104.1444 [astro-ph.CO]
19. Precision Determination of Atmospheric Extinction at Optical and Near-infrared Wavelengths, D. L. Burke *et al.*, SLAC- PUB-14101
20. Type Ia Supernova Carbon Footprints, R.C. Thomas *et al.*, SNFactory Collaboration, arXiv:1109.1312 [astro-ph.CO]
21. Photometric selection of Type Ia supernovae in the Supernova Legacy Survey, G. Bazin *et al.*, SNLS Collaboration, arXiv:1109.0948 [astro-ph.CO]
22. Constraining Type Ia Supernovae progenitors from Three Years of Supernova Legacy Survey Data, F. B. Bianco *et al.*, SNLS Collaboration, arXiv:1106.4008

2012

1. Maximal symmetry at the speed of light, A. Tilquin *et al.*, arXiv:1210.1468 [astro-ph.CO]
2. Large Synoptic Survey Telescope: Dark Energy Science Collaboration, A. Abate *et al.*, LSST Dark Energy Science Collaboration, arXiv:1211.0310 [astro-ph.CO]
3. Negative energies and time reversal in Quantum Field Theory, F. Henry-Couannier *et al.*, arXiv:gr-qc/0404110
4. Weak lensing measurement of galaxy clusters in the CFHTLS Wide Survey, H.Y. Shan *et al.*, arXiv:1108.1981
5. The Rise Time of Normal and Subluminous Type Ia Supernovae, S. González-Gaitán *et al.*, arXiv:1109.5757 [astro-ph.GA]
6. Torsion, an alternative to the cosmological constant?, T. Schucker *et al.*, arXiv:1109.4568
7. The Spectroscopic Diversity of Type Ia Supernovae, S. Blondin *et al.*, arXiv:1203.4832
8. Constraining Type Ia Supernova Models : SN 2011fe as a Test Case, F. K. Röpke *et al.*, SNFactory Collaboration, arXiv:1203.4839 [astro-ph.SR]
9. Evolution in the Volumetric Type Ia Supernova Rate from the Supernova Legacy Survey, K. Perrett *et al.*, SNLS Collaboration, arXiv:1206.0665
10. The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey, C. P. Ahn *et al.*, SDSS Collaboration, arxiv:1207.7137

11. A Search for New Candidate Super-Chandrasekhar-Mass Type Ia Supernovae in the Nearby Supernova Factory Dataset, R. Scalzo *et al.*, SNFactory Collaboration, arXiv:1207.2695 [astro-ph.CO]
12. Super-luminous supernovae: 56Ni power versus magnetar radiation, L. Dessart *et al.*, arXiv:1208.1214 [astro-ph.SR]
13. Observational constraints on cosmic neutrinos and dark energy revisited, X. Wang *et al.*, arXiv:1210.2136 [astro-ph.CO]
14. Impact of the Time Sampling on the Noise of a H2RG (2Kx2K) Near-IR Detector: Comparison of SIDECAR ASIC and Hybrid Readouts, G. Smadja *et al.*, 2012

2015

1. Mastering the effects of peculiar velocities in cosmic voids, A. Pisani *et al.*, arXiv:1506.07982 [astro-ph.CO]
2. On a sneezing universe, A. Tilquin *et al.*, arXiv:1508.00809 [astro-ph.CO]
3. Reconstructing the galaxy redshift distribution from angular cross power spectra, L. Sun *et al.*, arXiv:1512.00600 [astro-ph.CO]
4. Reconstructing the galaxy redshift distribution from angular cross power spectra, L. Sun *et al.*, arXiv:1512.00600
5. The $0.1 < z < 1.65$ evolution of the bright end of the [OII] luminosity function, J. Comparat *et al.*, arXiv:1408.1523 [astro-ph.GA]
6. The Sloan Digital Sky Survey Reverberation Mapping Project: Technical Overview, Y. Shen *et al.*, arXiv:1408.5970 [astro-ph.IM]
7. A metric space for type Ia supernova spectra, M. Sasdelli *et al.*, arXiv:1411.4424 [astro-ph.SR]
8. Confirmation of a Star Formation Bias in Type Ia Supernova Distances and its Effect on Measurement of the Hubble Constant, M. Rigault *et al.*, arXiv:1412.6501 [astro-ph.CO]
9. Type Ia Supernova Distance Modulus Bias and Dispersion From K-correction Errors: A Direct Measurement Using Lightcurve Fits to Observed Spectral Time Series, C. Saunders *et al.*, SNFactory Collaboration, arXiv:1412.5533 [astro-ph.CO]
10. Halo mass distribution reconstruction across the cosmic web, C. Zhao *et al.*, arXiv:1501.05520 [astro-ph.CO]
11. The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III, S. Alam *et al.*, SDSS Collaboration, arXiv:1501.00963
12. The Sloan Digital Sky Survey Reverberation Mapping Project: No Evidence for Evolution in the M-sigma Relation to $z \sim 1$, Y. Shen *et al.*, arXiv:1502.01034 [astro-ph.GA]

13. Counting voids to probe dark energy, A. Pisani *et al.*, arXiv:1503.07690 [astro-ph.CO]
14. The Sloan Digital Sky Survey Reverberation Mapping Project: Rapid CIV Broad Absorption Line Variability, C.J. Grier *et al.*, arXiv:1503.03076 [astro-ph.GA]
15. The SDSS-IV eBOSS emission-line galaxy pilot survey, J. Comparat *et al.*, BOSS Collaboration, arXiv:1509.05045 [astro-ph.CO]
16. Improving Cosmological Distance Measurements Using Twin Type Ia Supernovae, H.K. Fakhouri *et al.*, SNFactory Collaboration, arXiv:1511.01102 [astro-ph.CO]

2016

1. Jackknife resampling technique on mocks: an alternative method for covariance matrix estimation, S. Escoffier *et al.*, arXiv:1606.00233 [astro-ph.CO]
2. The DESI Experiment Part I: Science, Targeting, and Survey Design, A. Aghamousa *et al.*, DESI Collaboration, arXiv:1611.00036 [astro-ph.IM]
3. The DESI Experiment Part II: Instrument Design, A. Aghamousa *et al.*, DESI Collaboration, arXiv:1611.00037 [astro-ph.IM]
4. The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering, C.-H. Chuang *et al.*, arXiv:1312.4889 [astro-ph.CO]
5. The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Overview and Early Data, K.-S. Dawson *et al.*, SDSS Collaboration, arXiv:1508.04473 [astro-ph.CO]
6. SDSS-IV eBOSS emission-line galaxy pilot survey, J. Comparat *et al.*, arXiv:1509.05045 [astro-ph.CO]
7. The extended Baryon Oscillation Spectroscopic Survey: a cosmological forecast, G.-B. Zhao *et al.*, arXiv:1510.08216 [astro-ph.CO]
8. Rapidly Rising Transients in the Supernova—superluminous Supernova gap, I. Arcavi *et al.*, arXiv:1511.00704 [astro-ph.CO]
9. Measuring Baryon Acoustic Oscillations from the clustering of voids, Y. Liang *et al.*, arXiv:1511.04391 [astro-ph.CO]
10. DIVE in the cosmic web: voids with Delaunay Triangulation from discrete matter tracer distributions, C. Zhao *et al.*, arXiv:1511.04299 [astro-ph.CO]
11. Signatures of the Primordial Universe from Its Emptiness: Measurement of Baryon Acoustic Oscillations from Minima of the Density Field, F.-S. Kitaura *et al.*, arXiv:1511.04405 [astro-ph.CO]
12. The XXL Survey - I. Scientific motivations XMM-Newton observing plan Follow-up observations and simulation programme, M. Pierre *et al.*, arXiv:1512.04317

13. Einstein–Cartan, Bianchi I and the Hubble diagram, S. R. ZouZou *et al.*, arXiv:1601.07922 [gr-qc]
14. Constraints on Cosmology and Gravity from the Dynamics of Voids, N. Hamaus *et al.*, arXiv:1602.01784 [astro-ph.CO]
15. The Sloan Digital Sky Survey Reverberation Mapping Project: Velocity Shifts of Quasar Emission Lines, Y. Shen *et al.*, arXiv:1602.03894 [astro-ph.GA]
16. Power law cosmology model comparison with CMB scale information, I. Tutusaus *et al.*, arXiv:1610.03371 [astro-ph.CO]
17. A New Signal Estimator from the NIR Detectors of the Euclid Mission, B. Kubik *et al.*, Euclid Collaboration,

2018

1. Improving baryon acoustic oscillation measurement with the combination of cosmic voids and galaxies, C. Zhao *et al.*, arXiv:1802.03990
2. Measuring the Universe with galaxy redshift surveys, L. Guzzo *et al.*, arXiv:1803.10814 [astro-ph.CO]
3. Overview of the DESI Legacy Imaging Surveys, A. Dey *et al.*, DESI Collaboration, arXiv:1804.08657 [astro-ph.IM]
4. Multivariate analysis of cosmic void characteristics, M.-C. Cousinou *et al.*, arXiv:1805.07181 [astro-ph.CO]
5. Strong Dependence of Type Ia Supernova Standardization on the Local Specific Star Formation Rate, M. Rigault *et al.*, Nearby Supernova Factory Collaboration, arXiv:1806.03849 [astro-ph.CO]
6. On a quadratic equation of state and a universe mildly bouncing above the Planck temperature, J. Berteaud *et al.*, arXiv:1807.05068 [gr-qc]
7. Massive Neutrinos Leave Fingerprints on Cosmic Voids, C. D. Kreisch *et al.*, arXiv:1808.07464 [astro-ph.CO]
8. SNEMO: Improved Empirical Models for Type Ia Supernovae, C. Saunders *et al.*, Nearby Supernova Factory Collaboration, arXiv:1810.09476 [astro-ph.CO]
9. Cosmology and Fundamental Physics with the Euclid Satellite, L. Amendola *et al.*, arXiv:1606.00180 [astro-ph.CO]
10. The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the extended Baryon Oscillation Sky Survey and from the second phase of the Apache Point Observatory Galactic Evolution Experiment, B. Abolfathi *et al.*, SDSS Collaboration, arXiv:1707.09322 [astro-ph.GA]
11. Euclid: Superluminous supernovae in the Deep Survey, C. Inserra *et al.*, Euclid Collaboration, arXiv:1710.09585

12. The ESO's VLT Type Ia supernova spectral set of the final two years of SNLS, C. Balland *et al.*, SNLS Collaboration, arXiv:1712.07379 [astro-ph.GA]
13. Understanding Type Ia supernovae through their U-band spectra, J. Nordin *et al.*, SNFactory Collaboration, arXiv:1801.01834 [astro-ph.HE]
14. Gravitational birefringence and an exotic formula for redshifts, C. Duval *et al.*, arXiv:1802.09295 [astro-ph.CO]
15. Correcting for peculiar velocities of Type Ia Supernovae in clusters of galaxies, P.-F. Léget *et al.*, Nearby Supernova Factory Collaboration, arXiv:1804.03418 [astro-ph.CO]
16. The scale of cosmic homogeneity as a standard ruler, P. Ntelis *et al.*, arXiv:1810.09362 [astro-ph.CO]

2010

1. Photometric redshifts for type Ia supernovae in the supernova legacy survey, N. Palanque-Delabrouille *et al.*, SNLS Collaboration, Astron. Astrophys 514 (2010) A63
2. The Type Ia Supernova Rate in Radio and Infrared Galaxies from the Canada-France-Hawaii Telescope Supernova Legacy Survey, M.L. Graham *et al.*, SNLS Collaboration, Astron. J 139 (2010) 594-605
3. Prospective Type Ia Supernova Surveys From Dome A, A. Kim *et al.*, Astropart. Phys 33 (2010) 248-254
4. Constraining dark matter halo properties using lensed Supernova Legacy Survey supernovae, J. Jonsson *et al.*, SNLS Collaboration, Mon.Not.Roy.Astron.Soc 405 (2010) 535-544
5. Gravitational lensing in the Supernova Legacy Survey (SNLS), T. Kronborg *et al.*, SNLS Collaboration, Astron. Astrophys 514 (2010) A44
6. The dependence of Type Ia Supernovae luminosities on their host galaxies, M. Sullivan *et al.*, SNLS Collaboration, Mon.Not.Roy.Astron.Soc 406 (2010) 782-802
7. Nearby Supernova Factory Observations of SN 2007if: First Total Mass Measurement of a Super-Chandrasekhar-Mass Progenitor, R.A. Scalzo *et al.*, SNFactory Collaboration, Astrophys. J 713 (2010) 1073-1094
8. Offset between dark matter and ordinary matter: evidence from a sample of 38 lensing clusters of galaxies, H.Y. Shan *et al.*, Mon.Not.Roy.Astron.Soc 406 (2010) 1134-1139
9. Frequency Analysis of the noise in the Fowler(n) sampling of a H2RG(2Kx2K) Near-IR Detector, G. Smadja *et al.*, Nucl. Instrum. Meth. A 622 (2010) 288-294
10. Real-time Analysis and Selection Biases in the Supernova Legacy Survey, K. Perrett *et al.*, SNLS Collaboration, Astron. J 140 (2010) 518-532

11. The Supernova Legacy Survey 3-year sample: Type Ia supernovae photometric distances and cosmological constraints, J. Guy *et al.*, SNLS Collaboration, *Astron. Astrophys* 523 (2010) A7
- 2013
1. An Efficient Approach to Obtaining Large Numbers of Distant Supernova Host Galaxy Redshifts, C. Lidman *et al.*, *Publ. Astron. Soc. Aust* 30 (2013) 1
 2. Cosmology and Fundamental Physics with the Euclid Satellite, L. Amendola *et al.*, Euclid Collaboration, *Living Rev. Relativ* 16 (2013) 6
 3. Investigating Emission Line Galaxy Surveys with the Sloan Digital Sky Survey Infrastructure, J. Comparat *et al.*, *Mon.Not.Roy.Astron.Soc* 428 (2013) 1498-1517
 4. The Baryon Oscillation Spectroscopic Survey of SDSS-III, K. S. Dawson *et al.*, BOSS Collaboration, *Astron. J* 145 (2013) 10
 5. The ultraviolet colours and dust attenuation of Lyman-break galaxies, V. Gonzalez-Perez *et al.*, *Mon.Not.Roy.Astron.Soc* 429 (2013) 1609-1625
 6. Atmospheric extinction properties above Mauna Kea from the Nearby SuperNova Factory spectro-photometric data set, C. Buton *et al.*, SNFactory Collaboration, *Astron. Astrophys* 549 (2013) A8
 7. Radiative Properties of Pair-instability Supernova Explosions, L. Dessart *et al.*, *Mon.Not.Roy.Astron.Soc* 428 (2013) 3227-3251
 8. An optimized correlation function estimator for galaxy surveys, M. Vargas-Magaña *et al.*, *Astron. Astrophys* 554 (2013) 131
 9. One-dimensional delayed-detonation models of Type Ia supernovae: Confrontation to observations at bolometric maximum, S. Blondin *et al.*, *Mon.Not.Roy.Astron.Soc* 429 (2013) 2127-2142
 10. Stochastic bias of color-selected BAO tracers by joint clustering-weak-lensing analysis, J. Comparat *et al.*, *Mon.Not.Roy.Astron.Soc* 433 (2013) 1146-1160
 11. Spectrophotometric time series of SN 2011fe from the Nearby Supernova Factory, R. Pereira *et al.*, SNFactory Collaboration, *Astron. Astrophys* 554 (2013) A27
 12. Standardizing Type Ia Supernova Absolute Magnitudes Using Gaussian Process Data Regression, A.G. Kim *et al.*, SNFactory Collaboration, *Astrophys. J* 766 (2013) 84
 13. The Dark Side of Gravity, F. Henry-Couannier *et al.*, *GJSFR* 13 (2013) 1-53
 14. Host Galaxies of Type Ia Supernovae from the Nearby Supernova Factory, M.J. Childress *et al.*, SNFactory Collaboration, *Astrophys. J* 770 (2013) 107
 15. Host Galaxy Properties and Hubble Residuals of Type Ia Supernovae from the Nearby Supernova Factory, M.J. Childress *et al.*, *Astrophys. J* 770 (2013) 108

16. Evidence of Environmental Dependencies of Type Ia Supernovae from the Nearby Supernova Factory indicated by Local H α , M. Rigault *et al.*, SNFactory Collaboration, Astron. Astrophys. 560 (2013) A66
17. Two superluminous supernovae from the early universe discovered by the Supernova Legacy Survey, D.A. Howell *et al.*, SNLS Collaboration, Astron. Astrophys. J 779 (2013) 98
18. Measuring cosmic bulk flows with Type Ia Supernovae from the Nearby Supernova Factory, U. Feindt *et al.*, SNFactory Collaboration, Astron. Astrophys. 560 (2013) A90

2014

1. The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment, C. P. Ahn *et al.*, SDSS Collaboration, Astrophys. J. Suppl. S 211 (2014) 17
2. How sensitive are predicted galaxy luminosities to the choice of stellar population synthesis model?, V. Gonzalez-Perez *et al.*, Mon.Not.Roy.Astron.Soc 439 (2014) 264-283
3. Which galaxies dominate the neutral gas content of the Universe?, C. D. P. Lagos *et al.*, Mon.Not.Roy.Astron.Soc 440 (2014) 920-941
4. The WIRCam Deep Survey II: Mass Selected Clustering, R. M. Bielby *et al.*, Astron. Astrophys 568 (2014) 24
5. Weak lensing mass map and peak statistics in CFHT/Stripe82 survey, H. Shan *et al.*, Mon.Not.Roy.Astron.Soc 442 (2014) 2534
6. Clustering of Extremely Red Objects in Elais-N1 from the UKIDSS DXS with optical photometry from Pan-STARRS1 and Subaru, J.-W. Kim *et al.*, Mon.Not.Roy.Astron.Soc 438 (2014) 825-840
7. The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the Data Release 10 and 11 galaxy samples, L. Anderson *et al.*, BOSS Collaboration, Mon.Not.Roy.Astron.Soc 441 (2014) 24-62
8. SDSS-III Baryon Oscillation Spectroscopic Survey: Analysis of Potential Systematics in Fitting of Baryon Acoustic Feature, M. Vargas-Magaña *et al.*, Mon.Not.Roy.Astron.Soc (2014)
9. Type Ia Supernova Hubble Residuals and Host-Galaxy Properties, A.G. Kim *et al.*, SNFactory Collaboration, Astrophys. J 784 (2014) 51
10. Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples, M. Betoule *et al.*, SNLS Collaboration, Astron. Astrophys 568 (2014) 22
11. Type Ia supernova bolometric light curves and ejected mass estimates from the Nearby Supernova Factory, R. Scalzo *et al.*, SNFactory Collaboration, Mon.Not.Roy.Astron.Soc 440 (2014) 1498-1518

12. Bianchi I meets the Hubble diagram, T. Schucker *et al.*, Mon.Not.Roy.Astron.Soc 444 (2014) 2820
13. Extending the supernova Hubble diagram to $z \sim 1.5$ with the Euclid space mission, P. Astier *et al.*, Astron. Astrophys 572 (2014) A80
14. nIFTy Cosmology: Galaxy/halo mock catalogue comparison project on clustering statistics, C.-H. Chuang *et al.*, Mon.Not.Roy.Astron.Soc 452 (2014) 686-700

2017

1. Linear redshift space distortions for cosmic voids based on galaxies in redshift space, C.-H. Chuang *et al.*, Phys. Rev. D 95 (2017) 063528
2. Large-scale retrospective relative spectro-photometric self-calibration in space, D. Markovic *et al.*, Mon.Not.Roy.Astron.Soc 467 (2017) 3677-3698
3. The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample, S. Alam *et al.*, BOSS Collaboration, Mon.Not.Roy.Astron.Soc 470 (2017) 2617-2652
4. The Thirteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey MAppling Nearby Galaxies at Apache Point Observatory, F.-D. Albareti *et al.*, SDSS Collaboration, Astrophys. J. Suppl. S 233 (2017) 25
5. The Extinction Properties of and Distance to the Highly Reddened Type IA Supernova 2012cu, X. Huang *et al.*, Astrophys. J 836 (2017) 157
6. Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies and the Distant Universe, M.-R. Blanton *et al.*, Astron. J 154 (2017) 28-62
7. Hubble Frontier Fields: systematic errors in strong lensing models of galaxy clusters - Implications for cosmography, A. Acebron *et al.*, Mon.Not.Roy.Astron.Soc 470 (2017) 1809-1825
8. Multipole analysis of redshift-space distortions around cosmic voids, N. Hamaus *et al.*, J. Cosmol. Astropart. P 1707 (2017) 014

acte de conférence

2010

1. The Nearby Supernova Factory dataset-improving SNe Ia as dark energy probes, R. Pereira, G. Aldering, P. Antilogus, C. Aragon, S. Bailey, C. Baltay, S. Bongard, C. Buton, M. Childress, N. Chotard, Y. Copin, E. Gangler, S. Loken, P. Nugent, R. Pain, E. Pecontal, S. Perlmutter, D. Rabinowitz, G. Rigaudier, K. Runge, R. Scalzo, G. Smadja, H. K. Fakhouri, C. Tao, R. C. Thomas, C. Wu, AIP Conf. Proc, 1241, Proceedings of the Invisible Universe Conference (2010) 259-266, Paris, France, 29 Jun - 3 Jul 2009

2. Calibration of the LSST instrumental and atmospheric photometric passbands, D. Burke, T. Axelrod, A. Barrau, S. Baumont, S. Blondin, C. Claver, A. Gorecki, Z. Ivezic, L. Jones, V. Krabbendam, M. Liang, A. Saha, A. Smith, R. C. Smith, C. W. Stubbs, C. Vescovi, LSST Project Team, SPIE, 7737, Observatory Operations: Strategies, Processes, and Systems III. (2010) 77371D, San Diego, United States, 2-7 Jun 2010
3. A simple optical design for a space Dark Energy Mission, R. Grange, B. Milliard, J.-P. Kneib, A. Ealet, SPIE, 7731, Space Telescopes and Instrumentation 2010: Optical, Infrared, and Millimeter Wave (2010) 77313H, San Diego, CA, United States, 27 Jun - 2 Jul 2010
4. Extraction of the frequency spectrum of the noise of a HAWAII2RG NIR detector and impact on low-flux measurements, C. Cerna, G. Smadja, A. Castera, A. Ealet, SPIE, 7742, High Energy, Optical, and Infrared Detectors for Astronomy IV (2010) 77421J, San Diego, CA, United States, 27-30 Jun 2010

2011

1. Cosmology with the Nearby Supernova Factory, M. Kerschhagl, G. Aldering, P. Antilogus, C. Aragon, S. Bailey, C. Baltay, S. Bongard, C. Buton, A. Canto, M. Childress, N. Chotard, Y. Copin, H.- K. Fakhouri, E. Gangler, E.-Y. Hsiao, M. Kowalski, S. Loken, P. Nugent, K. Paech, R. Pain, E. Pecontal, R. Pereira, S. Perlmutter, D. Rabinowitz, K. Runge, R. Scalzo, G. Smadja, C. Tao, R. C. Thomas, C. Wu, Prog. Part. Nucl. Phys, 66, International Workshop on Nuclear Physics, 32nd Course, Erice (2011) 335-339, Sicile, Italy, 16-24 Sep 2010
2. Confronting 2D Delayed-Detonation Models with Light Curves and Spectra of Type Ia Supernovae, S. Blondin, Mon.Not.Roy.Astron.Soc, 417, Supernovae and their host galaxies (2011) 1280, Sydney, Australia, 20-24 Jun 2011
3. Local host galaxy properties of type Ia supernovae from the Nearby Supernovae Factory, M. Rigault, Y. Copin, G. Aldering, P. Antilogus, C. Aragon, C. Baltay, S. Bongard, C. Buton, A. Canto, M. Childress, N. Chotard, H. K. Fakhouri, E. Gangler, E. Y. Hsiao, M. Kerschhagl, M. Kowalski, S. Loken, P. Nugent, K. Paech, R. Pain, E. Pecontal, R. Pereira, S. Perlmutter, D. Rabinowitz, K. Runge, R. Scalzo, G. Smadja, C. Tao, R. C. Thomas, B. A. Weaver, C. Wu, SF2A, Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics (SF2A-2011) (2011) 179-183, Paris, France, 20-23 Jun 2011

2012

1. Astrophysical Constraints on Dark Matter, C. Tao, EAS Publications Series, 53, Proceedings of the 3rd International conference on Directional Detection of Dark Matter (CYGNUS 2011) (2012) 97-104, Aussois, France, 7-10 Jun 2011

2. The EUCLID NISP Detectors System, C. Cerna, J.-C. Clemens, A. Ealet, G. Smadja, A. Castera, F. Marmol, C. Bonoli, F. Bortoletto, L. Corcione, P.-E. Crouzet, L. Duvet, P. Ferruit, E. Giro, A. Jung, S. Ligori, L. Martin, T. Maciaszek, E. Prieto, M. Sirianni, P. Strada, Proc. SPIE, 8453, High Energy, Optical, and Infrared Detectors for Astronomy V (2012) 8453-36, Amsterdam, Netherlands, 1-4 Jul 2012
3. Comparison of Hybrid and SIDECAR ASIC Measurements, F. Marmol, G. Smadja, C. Cerna, A. Castera, A. Chapon, A. Ealet, Proc. SPIE, 8453, High Energy, Optical, and Infrared Detectors for Astronomy V (2012) 845330, Amsterdam, Netherlands, 1-4 Jul 2012
4. Euclid: ESAs Mission to Map the Geometry of the Dark Universe, R.-J. Laureijs, P. Gondoin, L. Duvet, G. Saavedra Criado, J. Hoar, J. Amiaux, J.-L. Auguères, R. E. Cole, M. Cropper, A. Ealet, P. Ferruit, I. Escudero-Sanz, K. Jahnke, R. Kohley, T. Maciaszek, Y. Mellier, T. Oosterbroek, F. Pasian, M. Sauvage, R. Scaramella, M. Sirianni, L. Valenziano, Proc. SPIE, 8442, Space Telescopes and Instrumentation 2012: Optical, Infrared, and Millimeter Wave (2012) 84420T, Amsterdam, Netherlands, 1-6 Jul 2012
5. Euclid near-infrared spectrophotometer instrument concept at the end of the phase A study, E. Prieto, J. Amiaux, J.-L. Auguères, J.-C. Barrière, C. Bonoli, F. Bortoletto, C. Cerna, L. Corcione, L. Duvet, A. Ealet, B. Garilli, P. Gondoin, R. Grange, F. Grupp, K. Jahnke, R. J. Laureijs, O. Le Fevre, S. Ligori, T. Maciaszek, J. Martignac, L. Martin, G. Morgante, Y. Mellier, T. Pamplona, M. Riva, C. Rossin, G. Seidel, G. Smadja, R. Toledo-Moreo, M. Trifoglio, L. Valenziano, F. Zerbi, Proc. SPIE, 8442, Space Telescopes and Instrumentation 2012: Optical, Infrared, and Millimeter Wave (2012) 84420W, Amsterdam, Netherlands, 1-6 Jul 2012
6. Space-borne survey instrument operations: lessons learned and new concepts for the Euclid NISP instrument, L. Valenziano, A. Gregorio, R. C. Butler, J. Amiaux, C. Bonoli, F. Bortoletto, C. Burigana, L. Corcione, A. Ealet, M. Frailis, K. Jahnke, S. Ligori, E. Maiorano, G. Morgante, L. Nicastro, F. Pasian, M. Riva, R. Scaramella, F. Schiavone, D. Tavagnacco, R. Toledo-Moreo, M. Trifoglio, A. Zacchei, F. M. Zerbi, T. Maciaszek, Proc. SPIE, 8448, Observatory Operations: Strategies, Processes, and Systems IV (2012) 844804, Amsterdam, Netherlands, 1-6 Jul 2012
7. Euclid Mission: building of a Reference Survey, J. Amiaux, R. Scaramella, Y. Mellier, B. Altieri, C. Burigana, A. Da Silva, P. Gomez, J. Hoar, R. Laureijs, E. Maiorano, D. Magalhaes Oliveira, F. Renk, G. Saavedra Criado, I. Tereno, J.L. Augueres, J. Brinchmann, M. Cropper, L. Duvet, A. Ealet, P. Franzetti, B. Garilli, P. Gondoin, L. Guzzo, H. Hoekstra, R. Holmes, K. Jahnke, T. Kitching, M. Meneghetti, W. Percival, S. Warren, Proc. SPIE, 8442, Space Telescopes and Instrumentation 2012: Optical, Infrared, and Millimeter Wave (2012) 84420Z, Amsterdam, Netherlands, 1-6 Jul 2012
8. The ELG target selection with the BOSS survey, S. Escoffier, J. Comparat, A. Ealet, J.-P. Kneib, J. Zoubian, F. Lamareille, SF2A, Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics (SF2A-2012) (2012) 427-431, Nice, France, 5-8 Jun 2012

2013

1. A European vision for a "Polar Large Telescope" project, L. Abe, N. Epchtein, W. Ansorge, S. Argentini, I. Bryson, M. Carbillet, G. Dalton, C. David, I. Esau, C. Genthon, M. Langlois, T. Le Bertre, R. Lemrani, B. Le Roux, G. Marchiori, D. Mékarnia, J. Montnacher, G. Moretto, P. Prugniel, J.-P. Rivet, E. Ruch, C. Tao, A. Tilquin, I. Vauglin, indéfini, 288, *Astrophysics from Antarctica*, Proceedings of the International Astronomical Union, IAU Symposium (2013) 243-250, Beijing, China, 20-24 Aug 2012
2. Modelling the relative velocities of isolated pairs of galaxies, V. Gonzalez-Perez, E. Jennings, M.-C. Cousinou, S. Escoffier, A. Tilquin, A. Ealet, SF2A, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A-2013) (2013), Montpellier, France, 4-7 Jun 2013

2014

1. Characterization of infrared detectors for the Euclid NISP instrument: facilities design and validation, A. Secroun, B. Serra, J.-C. Clémens, P. Lagier, M. Niclas, A. Ealet, M.-I. Andersen, R. Barbier, E. Chabanat, B. Kubik, T. Maciaszek, A. Norup Sorensen, E. Prieto., G. Smadja, indéfini, International Symposium on Reliability of Optoelectronics for Systems (ISROS 2014) (2014), Toulouse, France, 16-20 Jun 2014

2015

1. Euclid space mission: a cosmological challenge for the next 15 years, R. Scaramella, Y. Mellier, J. Amiaux, C. Burigana, C.S. Carvalho, J.C. Cuillandre, A. da Silva, J. Dinis, A. Derosa, E. Maiorano, P. Franzetti, B. Garilli, M. Maris, M. Meneghetti, I. Tereno, S. Wachter, L. Amendola, M. Cropper, V. Cardone, R. Massey, S. Niemi, H. Hoekstra, T. Kitching, L. Miller, T. Schrabback, E. Semboloni, A. Taylor, M. Viola, T. Maciaszek, A. Ealet, L. Guzzo, K. Jahnke, W. Percival, F. Pasian, M. Sauvage, indéfini, 306, Statistical Challenges in 21st Century Cosmology, Proceedings IAU Symposium (2015), indéfini,
2. Characterization of Euclid-like H2RG IR detectors for the NISP instrument, B. Serra, A. Secroun, J-C. Clémens, P. Lagier, M. Niclas, L. Caillat, J. Rodriguez- Ferreira, W. Gillard, A. Tilquin, A. Ealet, R. Barbier, B. Kubik, G. Smadja, S. Ferriol, E. Prieto, T. Maciaszek, A. Norup Sorensen, Proc. SPIE, 9602, UV/Optical/IR Space Telescopes and Instruments: Innovative Technologies and Concepts VII (2015) 96020G, San Diego, CA, United States, 9-13 Aug 2015
3. EUCLID detector system demonstrator model: a first demonstration of the NISP detection system, J.-C. Clémens, B. Serra, M. Niclas, A. Ealet, W. Gillard, A. Secroun, R. Barbier, B. Kubik, S. Ferriol, G. Smadja, E. Prieto, F. Beaumont, C. Fabron, J. Garcia, E. Grassi, T. Maciaszek, Proc. SPIE, 9602, UV/Optical/IR Space Telescopes and Instruments: Innovative Technologies and Concepts VII (2015) 96020Y, San Diego, CA, United States, 9-13 Aug 2015

2016

1. The Dark side of Gravity and LENR, F. Henry-Couannier, J. Condensed Matter Nucl. Sci, 21, Proceedings of the first French Symposium RNBE-2016 on Condensed Matter Nuclear Science (Reactions Nucleaires a Basse Energie) (2016) 59-80, Avignon, France, 18-20 Mar 2016
2. How to test NISP instrument for EUCLID mission in laboratory, A. Costille, M. Carle, C. Fabron, E. Prieto, F. Beaumont, N.-C. Jessen, P. Jakobsen, M. I. Andersen, A. N. Sørensen, F. Grupp, T. Maciaszek, A. Ealet, W. Gillard, J.-C. Clémens, Proc. SPIE, 9904, Space Telescopes and Instrumentation 2016: Optical, Infrared, and Millimeter Wave (2016) 99042U, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
3. Low noise flux estimate and data quality control monitoring in EUCLID-NISP cosmological survey, B. Kubik, R. Barbier, P. Calabria, A. Castera, E. Chabanat, F. Charlieu, S. Ferriol, F. Schirra, G. Smadja, J.-C. Clémens, A. Ealet, W. Gillard, A. Secroun, B. Serra, A. Tilquin, J. Zoubian, T. Maciaszek, E. Prieto, Proc. SPIE, 9904, Space Telescopes and Instrumentation 2016: Optical, Infrared, and Millimeter Wave (2016) 99045J, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
4. Euclid Near Infrared Spectrometer and Photometer instrument concept and first test results obtained for different breadboards models at the end of phase C, T. Maciaszek, A. Ealet, J.-C. Clémens, W. Gillard, M. Niclas, A. Secroun, B. Serra, K. Jahnke, F. Hormuth, G. Seidel, S. Wachter, E. Prieto, F. Beaumont, W. Bon, A. Bonnefoi, M. Carle, A. Costille, D. Dormoy, F. Ducret, C. Fabron, A. Febvre, B. Foulon, J. Garcia, E. Grassi, P. Laurent, D. Le Mignant, C. Rossin, T. Pamplona, P. Sanchez, S. Vives, R. Barbier, B. Kubik, S. Ferriol, Y. Mellier, A. Caillat, J.-L. Gimenez, L. Martin, J. Amiaux, J.-C. Barrière, M. Berthe, C. Rosset, J.F. Macias-Perez, N. Auricchio, A. De Rosa, E. Franceschi, G. P. Guizzo, G. Morgante, F. Sortino, M. Trifoglio, L. Valenziano, L. Patrizii, T. Chiarusi, F. Fornari, F. Giacomini, A. Margiotta, N. Mauri, L. Pasqualini, G. Sirri, M. Spurio, M. Tenti, R. Travaglini, S. Dusini, F. Dal Corso, F. Laudisio, C. Sirignano, L. Stanco, S. Ventura, E. Borsato, C. Bonoli, F. Bortoletto, A. Balestra, M. D'Alessandro, E. Medinaceli, R. Farinelli, L. Corcione, S. Ligori, F. Grupp, C. Wimmer, C. Padilla, R. Casas, M. Lamensans, I. Lloro, R. Toledo-Moreo, J. Gomez, C. Colodro-Conde, D. Lizán, J. Javier Diaz, P.B. Lilje, C. Toulouse- Aastrup, M.I. Andersen, A. N. Sørensen, P. Jakobsen, A. Hornstrup, N.-C. Jessen, C. Thizy, W. Holmes, U. Israelsson, M. Seiffert, A. Waczynski, René J. Lau-reijs, G. Racca, J.-C. Salvignol, T. Boenke, P. Strada, Proc. SPIE, 9904, Space Telescopes and Instrumentation 2016: Optical, Infrared, and Millimeter Wave (2016) 99040T, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
5. Characterization of H2RG IR detectors for the Euclid NISP instrument, A. Secroun, B. Serra, J.-C. Clémens, R. Legras, P. Lagier, M. Niclas, L. Caillat, W. Gillard, A. Tilquin, A. Ealet, R. Barbier, S. Ferriol, B. Kubik, G. Smadja, E. Prieto, T. Maciaszek, A. N. Sørensen, Proc. SPIE, 9915, High Energy, Optical, and Infrared Detectors for Astronomy VII (2016) 99151Y, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016

6. Random telegraph signal (RTS) and other anomalies in the near-infrared detector systems for the Euclid mission, R. Kohley, R. Barbier, B. Kubik, S. Ferriol, J.-C. Clémens, A. Ealet, A. Secroun, L. Conversi, P. Strada, Proc. SPIE, 9915, High Energy, Optical, and Infrared Detectors for Astronomy VII (2016) 99150H, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
7. Modeling effects of common molecular contaminants on the Euclid infrared detectors, W. Holmes, C. McKenney, R. Barbier, H. Cho, A. Cillis, J.-C. Clémens, O. Dawson, G. Delo, A. Ealet, A. Feizi, N. Ferraro, R. Foltz, T. Goodsall, M. Hickey, T. Hwang, U. Israelsson, M. Jhabvala, D. Kahle, Em. Kan, Er. Kan, G. Lotkin, T. Maciaszek, S. McClure, L. Miko, L. Nguyen, S. Pravdo, E. Prieto, T. Powers, M. Seiffert, P. Strada, C. Tucker, K. Turck, A. Waczynski, F. Wang, C. Weber, J. Williams, Proc. SPIE, 9904, Space Telescopes and Instrumentation 2016: Optical, Infrared, and Millimeter Wave (2016) 99042R, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
8. Integration and testing of the DESI spectrograph prototype, S. Perruchot, A. Secroun, P.-E. Blanc, S. Ronayette, X. Régal, G. Castagnoli, A. Le Van Suu, A. Ealet, J.-G. Cuby, A. Elliot, K. Honscheid, P. Jelinsky, Proc. SPIE, 9908, Ground-based and Airborne Instrumentation for Astronomy VI (2016) 99087W, Edinburgh, United Kingdom, 26 Jui - 01 Jui 2016
9. The Euclid mission design, G.-D. Racca, R. Laureijs, L. Stagnaro, J.-C. Salvignol, J.-L. Alvarez, G.-S. Criado, L.-G. Venancio, A. Short, P. Strada, T. Boenke, C. Colombo, A. Calvi, E. Maiorano, O. Piersanti, S. Prezelus, P. Rosato, J. Pinel, H. Rozemeijer, V. Lesna, P. Musi, M. Sias, A. Anselmi, V. Cazaubiel, L. Vaillon, Y. Mellier, J. Amiaux, M. Berthe, M. Sauvage, R. Azzollini, M. Cropper, S. Pottinger, K. Jahnke, A. Ealet, T. Maciaszek, F. Pasian, A. Zacchei, R. Scaramella, J. Hoar, R. Kohley, R. Vavrek, A. Rudolph, M. Schmidt, Proc. SPIE, 9904, Space Telescopes and Instrumentation 2016: Optical, Infrared, and Millimeter (2016) 99040O, Edinburgh, United Kingdom, 26 Jui 2016 - 1 Jui 2016

2017

1. Precision cosmology with cosmic voids, A. Pisani, indéfini, 3, 14th Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Astrophysics, and Relativistic Field Theories (2017) 2317-2322, Rome, Italy, 12-18 Jul 2015

2018

1. Integration and testing of the DESI multi-object spectrograph: performance tests and results for the first unit out of ten, S. Perruchot, A. Ealet, A. Secroun, S. Escoffier, A. Le Van Su, J.-G. Cuby, M.-C. Cousinou, Proc. SPIE, High Energy, Optical, and Infrared Detectors for Astronomy VII (2018), Austin, Texas, United States, 10-15 Jun 2018
2. Euclid Near Infrared Spectrometer and Photometer instrument description frozen at the Critical Design Review, T. Maciaszek, A. Ealet, K. Jahnke, E. Prieto, R. Barbier, Y. Mellier, F. Beaumont, et al., Proc. SPIE, Space Telescopes and Instrumentation (2018), Austin, Texas, United States, 10-15 Jun 2018

3. Detector chain calibration strategy for the Euclid flight IR H2RGs, R. Barbier, C. Buton, J.-C. Clemens, L. Conversi, A. Ealet, S. Ferriol, F. Fornari, W. Gillard, R. Kohley, B. Kubik, C. Rosset, A. Secroun, B. Serra, G. Smadja, J. Zoubian, Proc. SPIE, High Energy, Optical, and Infrared Detectors for Astronomy VII (2018), Austin, Texas, United States, 10-15 Jun 2018
4. Random Telegraph Signal (RTS) in the near-infrared detector systems for the Euclid space mission, R. Kohley, L. Conversi, P.-E. Crouzet, P. Strada, R. Barbier, S. Ferriol, B. Kubik, A. Secroun, J.-C. Clemens, A. Ealet, B. Serra, W. Gillard, C. Rosset, Proc. SPIE, High Energy, Optical, and Infrared Detectors for Astronomy VII (2018), Austin, Texas, United States, 10-15 Jun 2018
5. Euclid flight H2RG IR detectors: per pixel conversion gain from on-ground characterization for the Euclid NISP instrument, A. Secroun, J.-C. Clemens, R. Barbier, C. Buton, L. Conversi, A. Ealet, S. Ferriol, F. Fornari, W. Gillard, R. Kohley, B. Kubik, C. Rosset, B. Serra, G. Smadja, J. Zoubian, Proc. SPIE, High Energy, Optical, and Infrared Detectors for Astronomy VII (2018), Austin, Texas, United States, 10-15 Jun 2018
6. Euclid: Homogeneity in the search of the Dark Sector, P. Ntelis, A. Ealet, indéfini, Rencontre de Moriond, Cosmology Session, March 2018 (2018), indéfini,

présentation orale

2010

1. Extraction of the frequency spectrum of the noise of a HAWAII2RG NIR detector and impact on low-flux measurements, C. Cerna, G. Smadja, A. Castera, A. Ealet, High Energy, Optical, and Infrared Detectors for Astronomy IV, San Diego, CA, United States, 27-30 Jun 2010
2. An integral field spectrograph for supernovae in space, **A. Ealet**, IFU Workshop: An IFU for WFIRST, Baltimore, United States, 2-8 Oct 2010
3. R&D in Astrophotonics, **C. Tao**, IFU Spectrographs, Lijiang, China, 8 Nov 2010

2011

1. Dark Energy Projects in Cosmology in the Second Decade, **C. Tao**, 21st Century, Pekin, China, 1-9 Mar 2011
2. Sino-French Collaboration on the Dark Universe, **C. Tao**, 4th France China Particle Physics Laboratory Workshop (FCPPL 2011), Jinan, China, 7-9 Apr 2011
3. Qu'est ce qui se cache derrière le vide, **A. Ealet**, Conférences 2010/2011 de la SFP - Section Alsace, Strasbourg, France, 1-8 May 2011

4. Astrophysical Constraints on Dark Matter, **C. Tao**, 3rd Workshop on directional detection of Dark Matter CYGNUS 2011, Aussois, France, 7-10 Jun 2011
5. Astrophysical Constraints on Dark Matter, **C. Tao**, Proceedings of the 3rd International conference on Directional Detection of Dark Matter (CYGNUS 2011) EAS Publications Series, Aussois, France, 7-10 Jun 2011
6. Confronting 2D Delayed-Detonation Models with Light Curves and Spectra of Type Ia Supernovae, **S. Blondin**, Supernovae and their host galaxies, Sydney, Australia, 20-24 Jun 2011

2012

1. The EUCLID NISP Detectors System, **C. Cerna**, **J.-C. Clemens**, **A. Ealet**, G. Smadja, A. Castera, **F. Marmol**, C. Bonoli, F. Bortoletto, L. Corcione, **P.-E. Crouzet**, L. Duvet, P. Ferruit, E. Giro, A. Jung, S. Ligori, L. Martin, T. Maciaszek, E. Prieto, M. Sirianni, P. Strada, High Energy, Optical, and Infrared Detectors for Astronomy V, Proceedings SPIE, Amsterdam, Netherlands, 1-4 Jul 2012
2. Comparison of Hybrid and SIDECAR ASIC Measurements, **F. Marmol**, G. Smadja, **C. Cerna**, A. Castera, **A. Chapon**, **A. Ealet**, High Energy, Optical, and Infrared Detectors for Astronomy V, Proceedings SPIE, Amsterdam, Netherlands, 1-4 Jul 2012
3. The Euclid NISP Detector System, **J.-C. Clemens**, SPIE Astronomical Telescopes Instrumentation 2012, Amsterdam, indéfini, 1-5 Jul 2012

2013

1. Cosmology with current and future wide field imagers, **A. Ealet**, 25th Rencontres de Blois on "Particle Physics and Cosmology", Blois, France, 3-1 May 2013
2. Euclid: cartographie de l'Univers sombre, **A. Chapon**, Congrès général de la SFP 2013, Marseille, France, 1-5 Jul 2013
3. Dark Matter: What do we really know?, **C. Tao**, Windows on the Universe, Quy Nhon, Vietnam, 12-17 Aug 2013

2014

1. Characterization of infrared detectors for the Euclid NISP instrument: facilities design and validation, **B. Serra**, International Symposium on Reliability of Optoelectronics for Systems, Toulouse, France, 16-20 Jun 2014

2015

1. Characterization of Euclid-like H2RG IR detectors for the NISP instrument, **B. Serra**, SPIE Optics Photonics 2015: UV/Optical/IR Space Telescopes and Instruments: Innovative Technologies and Concepts VII, San Diego, CA, United States, 9-13 Aug 2015

2016

1. Integration and testing of the DESI spectrograph prototype, S. Perruchot, A. Secroun, P. E. Blanc, S. Ronayette, X. Régal, G. Castagnoli, A. Le Van Suu, A. Ealet, J. G. Cuby, A. Elliot, K. Honscheid, P. Jelinsky, Ground-based and Airborne Instrumentation for Astronomy VI, Edinburgh, United Kingdom, 26-30 Jun 2016

affiche

2013

1. The pairwise velocity of galaxy pairs, **V. Gonzalez- Perez**, S. Escoffier, M.-C. Cousinou, A. Tilquin, Ripples in the Cosmos, Durham, United Kingdom, 22-26 Jul 2013

2015

1. EUCLID detector system demonstrator model: a first demonstration of the NISP detection system, J.-C. Clémens, B. Serra, M. Niclas, A. Ealet, W. Gillard, A. Secroun, R. Barbier, B. Kubik, S. Ferriol, G. Smadja, E. Prieto, F. Beaumont, C. Fabron, J. Garcia, E. Grassi, T. Maciaszek, SPIE Optics Photonics 2015: UV/Optical/IR Space Telescopes and Instruments: Innovative Technologies and Concepts VII, San Diego, CA, United States, 9-13 Aug 2015

rapport

2012

1. NISP Performance Analysis Report, A. Ealet, K. Jahnke, B. Garilli, G. Seidel, R. Holmes, P. Franzetti, E. Rossetti, J. Zoubian, F. Marmol, EUCL-MPI- NPS-RP-00079
2. Euclid NISP Instrument Development Plan, T. Maciasdek, A. Ealet, et al, EUCL-CNE-NSP-PL-00088

2013

1. Cosmic ray impact on NISP spectroscopic performance, A. Ealet, A. Chapon, J. Zoubian, K. Ganga, EUCL-CPP-TN-7-002
2. CMU Impact on Spectroscopy: Synthesis Note, A. Ealet, J. Walsh, M. Kuemmel, B. Garilli, M. Scodeggio, J. Zoubian, P. Franzetti, E. Prieto, EUCL-CPP-TN-7-003
3. TIPS: A prototype for pixel simulations of the Euclid NISP spectrometer - Descripiton document, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-001

4. TIPS: A prototype for pixel simulations of the Euclid NISP spectrometer
- Implementation plan, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-002
5. TIPS: A prototype for pixel simulations of the Euclid NISP spectrometer - Testing document, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TR-8-001
6. TIPS: A prototype for pixel simulations of the Euclid NISP spectrometer - Development plan, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-DVP-8-001
7. NI-SCS Compliance Matrix, J.-C. Clemens, EUCL- CPP-OTH-7-001
8. NISP spectroscopy science budget justification, A. Ealet, E. Prieto, EUCL-CPP-RP-7-001
9. NISP calibration plan, A. Ealet, K. Jahnke, G. Seidel, R. Holmes, J. Walsh, G. Smadja, S. Wachter, R. Barbier, EUCL-CPP-PL-7-002
10. The readout processing : fit error and chi2 justification, A. Chapon, A. Tilquin, A. Ealet, EUCL-CPP-TN-7-005
11. Running Euclid NISP simulations , using TIPS software , under the French production SDC - CCIN2P3 : Tests/Performances/Resources estimations, A. Ealet, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-003

2014

1. Euclid NISP simulations software – TIPS - Implementation plan under the French production SDC – CCIN2P3, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-005

2015

1. Scientific Challenge 1b results using NISP-S - TIPS simulator, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-006

2016

1. Euclid NISP-S simulations for the Scientific Challenge 2, A. Ealet, N. Fourmanoit, S. Kermiche, J. Zoubian, EUCL-CPP-TN-8-007
2. Euclid Science Ground Segment PAQA Report, A. Ealet, N. Fourmanoit, S. Kermiche, L. Caillat, EUCL-CPP-QR-8-002

mémoire

2010

1. Etude des supernovae de type Ia dans leur environnement à l'aide du SuperNova Legacy survey et des données du COSMic evOlution Survey, R. Fromholtz, Université de la Méditerranée - Aix-Marseille II, 13 Oct 2010

2016

1. Caractérisation des détecteurs infrarouges de la mission spatiale Euclid. :
Etude des performances des détecteurs infrarouges H2RG., B. Serra, Aix
Marseille Université, 21 Mar 2016