REFEREED JOURNAL 6 publications as first author, 28 in total.

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Total citations: 752, h-index=15.

First author

PUBLICATIONS

[1] SN 2016esw: a luminous Type II supernova observed within the first day after the explosion. de Jaeger, T., Galbany, L., Gutierrez, C. P., et al. 2018 MNRAS, 478, 3776, 1805.03205

[2] Observed Type II supernova colours from the CSP-I. de Jaeger, T., Anderson, J. P., Galbany, L., et al. 2018 MNRAS, 476, 4592, 1802.07254

[3] SN 2016jhj at redshift 0.34: extending the Type II supernova Hubble diagram using the standard candle method.

de Jaeger, T., Galbany, L., Filippenko, A. V., et al. 2017 MNRAS, 472, 4322, 1709.01513

[4] A Type II Supernova Hubble diagram from the CSP-I, SDSS-II, and SNLS surveys. **de Jaeger, T.**, Gonzalez Gaitan, S., Hamuy, M., et al. 2017 ApJ, 835, 166, 1612.05636

[5] A Hubble diagram from Type II Supernovae based solely on photometry: the Photometric-Colour Method.

de Jaeger, T., Gonzalez Gaitan, S., Anderson, J. P., et al. 2015 ApJ, 815, 121, 1511.05145

[6] SN 2011A: A Low-luminosity Interacting Transient with a Double Plateau and Strong Sodium Absorption

de Jaeger, T., Anderson, J. P., Pignata, G., et al. 2015 ApJ, 807 63, 1505.01852

Co-author

[1] The Type II-plateau Supernova 2017eaw in NGC 6946 and Its Red Supergiant Progenitor. Van Dyk, S. D.; Zheng, W.; Maund, J. R. et al. 2019 A&A, 875, 136V, 1903.03872

[2] Late-time observations of the extraordinary Type II supernova iPTF14hls. Sollerman, J.; Taddia, F.; Arcavi, I. et al. 2019 A&A, 621A, 30S, 1806.10001

[3] The High Cadence Transit Survey (HiTS): Compilation and Characterization of Light-curve Catalogs.

Martínez-Palomera, J., Förster, F., Protopapas, P., et al. 2018 AJ, 156, 186, 1809.00763

[4] The delay of shock breakout due to circumstellar material evident in most type II supernovae. Förster, F., Moriya, T. J., Maureira, J. C., et al. 2018
Nature Astronomy, Accepted, s41550-018-0563-4

[5] Discovery of Distant RR Lyrae Stars in the Milky Way Using DECam. Medina, G. E., Munoz R. R., Vivas K. A., et al. 2018 ApJ, 855, 43, 1802.01581 [6] Asteroids in the High Cadence Transient Survey. Pena, J., Forster F., Maureira J. C., et al. 2018 AJ,155, 135, 155.135

[7] A surge of light at the birth of a supernova. Bersten, M. C., Folatelli, G., Garcia, F., et al. 2018 Nature, 554, 487, 1801.00732

[8] The First Post-Kepler Brightness Dips of KIC 8462852. Boyajian, T. S., Alonso, R., Ammerman, A., et al. 2018 ApJ, 835, 8, 1802.09360

[9] Gaia17biu/SN 2017egm in NGC 3191: the closest hydrogen-poor superluminous supernova to date is in a "normal", massive, metal-rich spiral galaxy. Bose, S., Dong, S., Pastorello, A., et al. 2018 ApJ, 853, 57, 1708.00864

[10] Serendipitous discovery of RR Lyrae stars in the Leo V ultra-faint galaxy. Medina, G. E., Munoz R. R., Vivas K. A., et al. 2017 ApJ, 845, 10, 1708.00009

[11] The High Cadence Transient Survey (HITS). I. Survey Design and Supernova Shock Breakout Constraints.

Forster, F., Maureira, J. C., San Martin, J., et al. 2016 ApJ, 832, 166, 1609.03567

- [12] Type II supernovae as probes of environment metallicity: observations of host H II regions. Anderson, J. P., Gutierrez, C. P., Dessart, L., et al. 2016 A&A, 589, 110, 1602.00011
- [13] UBVRIz Light Curves of 51 Type II Supernovae. Galbany, L., Hamuy, M., Phillips, M. M., et al. 2016 AJ, 151,33, 1511.08402
- [14] The rise-time of Type II supernovae González-Gaitán, S., Tominaga, N., Molina, J, et **al.** 2015 MNRAS, 451 2212, 1505.02988
- [15] Nebular phase observations of the Type-Ib supernova iPTF13bvn favour a binary progenitor Kuncarayakti, H., Maeda, K., Bersten, M. C., et al. 2015 A&A, 579 95, 1504.01473
- [16] PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects Smartt, S. J., Valenti, S., Fraser, M., et al. 2015 A&A, 579 40, 1411.0299
- [17] Defining Photometric Peculiar Type Ia Supernovae González-Gaitán, S., Hsiao, E. Y., Pignata, G., et **al.** 2014 ApJ, 795 142, 1409.4811
- [18] Characterizing the V-band Light-curves of Hydrogen-rich Type II Supernovae Anderson, J. P., González-Gaitán, S., Hamuy, M., et **al.** 2014 ApJ, 786 67, 1403.7091

- [19] SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor Bufano, F., Pignata, G., Bersten, M., et al. 2014 MNRAS, 439 1807, 1401.2368
- [20] An Independent Measurement of the Incidence of Mg II Absorbers along Gamma-Ray Burst Sight Lines: The End of the Mystery? Cucchiara, A., Prochaska, J. X., Zhu, G., et al. 2013 ApJ, 773 82, 1211.6528
- [21] Spectroscopic Observations of SN 2012fr: A Luminous, Normal Type Ia Supernova with Early High-velocity Features and a Late Velocity Plateau Childress, M. J., Scalzo, R. A., Sim, S. A., et al. 2013 ApJ, 786 67, 1302.2926

NON-REFEREED PUBLICATIONS

[1] Late-time observations of the extraordinary Type II supernova iPTF14hls Sollerman, J., Taddia, F., Arcavi, I., **et al.** 2018 Submitted to A&A, 2018arXiv180610001S

CONFERENCES PROCEEDINGS

 A double plateau and unprecendented circumstellar variable sodium in the transient SN 2011A de Jaeger, T.; Anderson, J.; Pignata, G.; Hamuy, M. 2014 IAUS, 296, 346

CIRCULARS

- [1] **de Jaeger, T.**, et al., 2017, "Spectroscopic Classification of AT 2017ego and confirmation of SN 2017eir with Keck II.", ATEL 10505-1D
- [2] Zheng, W., et al., 2017, "Spectroscopic classification optical transients with Keck II/DEIMOS", ATEL 10979-1Z
- [3] Short, L., et al., 2016, "PESSTO spectroscopic classification of optical transient", ATEL 9483-1S
- [4] Moraga, T., et al., 2015, "PESSTO spectroscopic classification of optical transient", ATEL 8018-1M
- [5] Romero-Canizales, C., et al., 2015, "PESSTO spectroscopic classification of optical transient", ATEL 8005-1R
- [6] Anderson, A., et al., 2015, "Optical spectrosopy of HiTS supernovae", ATEL 7335-1A
- [7] Forster, F., et al., 2015, "Optical spectra of SNHiTS15al, SNHiTS15be, SNHiTS15bs and SNHiTS15by", ATEL 7291-1F
- [8] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7290-1F
- [9] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7289-1F
- [10] Pignata, G., et al., 2015, "Optical spectroscopy of SNHiTS15aw", ATEL 7246-1P

- [11] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7221-1F
- [12] Anderson, A., et al., 2015, "Optical spectrosopy of SNHiTS15ad (Gabriela)", ATEL 7164-1A
- [13] Anderson, A., et al., 2015, "Optical spectrosopy of SNHiTS15D (Daniela) and SNHiTS15P (Rosemary)", ATEL 7162-1A
- [14] Baumont, S., et **al.**, 2015, "PESSTO spectroscopic classification of optical transients", ATEL 7154-1B
- [15] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7149-1F
- [16] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7148-1F
- [17] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7146-1F
- [18] Le Guillou, L., et al., 2015, "PESSTO spectroscopic classification of optical transients", ATEL 7144-1L
- [19] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7132-1F
- [20] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7131-1F
- [21] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7115-1F
- [22] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7108-1F
- [23] Forster, F., et al., 2015, "HiTS real-time supernova detections", ATEL 7099-1F
- [24] Galbany, L., et al., 2014, "PESSTO spectroscopic classification of optical transients", ATEL 6620-1G
- [25] Romero-Canizales, C., et al., 2014, "PESSTO spectroscopic classification of optical transients", ATEL 6618-1R
- [26] Takats, K., et al., 2014, "PESSTO spectroscopic classification of optical transients", ATEL 6612-1T
- [27] Forster, F., et al., 2014, "5 more SN candidates discovered with DECam", ATEL 5956-1F
- [28] Pignata, G., et **al.**, 2012, "PESSTO spectroscopic classification of optical transients", ATEL 4576-1P
- [29] Pignata, G., et **al.**, 2012, "PESSTO spectroscopic classification of optical transients", ATEL 4571-1P
- [30] Pignata, G., & **de Jaeger, T**, 2012, "Supernova 2012dl in ESO 459-6 = PSN J19120821-3207370", CBET 3170-2P
- [31] Pignata, G., et al., 2012, "Supernova 2012dl in ESO 459-6 = Psn J19120821-3207370", CBET 3170-1P
- [32] de Jaeger, T et al., 2012, "Supernova 2012ah in NGC 7637", CBET 3031-1D
- [33] Anderson, J. et al., 2012, "Supernova 2012U in PGC 8012 = PSN J02060433-5511375", CBET 3007-3A
- [34] Anderson, J. et **al.**, 2012, "Supernova 2011kc in PGC 8012 = PSN J02060433-5511375", CBET 3006-2A

- [35] Anderson, J. et **al.**, 2011, "Supernova 2011hu in PGC 19254 = PSN J06334085-3416267", CBET 2904-2A
- [36] Maza,J. et **al.**, 2011, "Supernova 2011hu in Pgc 19254 = Psn J06334085-3416267", CBET 2904-1M
- [37] Anderson, J. & de Jaeger, T, 2011, "Supernova 2011hq in MCG -02-13-37", CBET 2900-2A
- [38] Pignata, G., et al., 2011, "Supernova 2011gz = PSN J00374627-3339514", CBET 2872-2P
- [39] Maza, J., et al., 2011, "Supernova 2011gz = Psn J00374627-333951", CBET 2872-1M