

Publication list

Refereed

- 242.** Gardener, Daniel, **Snodgrass, Colin**, Ligier, Nicolas, (2022) *Searching for Outbursts in the Ground-Based Photometry of 67P/Churyumov-Gerasimenko*, **MNRAS**, in press,
- 241.** Evans, Chris, ..., **Snodgrass, Colin**, et al. (54 authors), (2022) *The CUBES science case*, **Experimental Astronomy**, in press,
- 240.** Marschall, Raphael, ..., **Snodgrass, Colin**, et al. (15 authors), (2022) *Determining the dust environment of an unknown comet for a spacecraft flyby: The case of ESA's Comet Interceptor mission*, **A&A**, 666, A151
- 239.** Rožek, Agata, ..., **Snodgrass, Colin**, et al. (23 authors), (2022) *Physical properties of near-Earth asteroid (2102) Tantalus from multiwavelength observations*, **MNRAS**, 515, 4551-4564
- 238.** Southworth, John, ..., **Snodgrass, C.**, et al. (26 authors), (2022) *A search for transit timing variations in the HATS-18 planetary system*, **MNRAS**, 515, 3212-3223
- 237.** **Snodgrass, C.**, Feaga, L., Jones, G. H., Kueppers, M., Tubiana, C., (2022) *Past and Future Comet Missions, to appear in 'Comets III'*, in press, arXiv:2208.08476
- 236.** Holt, Carrie E., ..., **Snodgrass, Colin**, et al. (11 authors), (2022) *Surface Properties of Near-Sun Asteroids*, **PSJ**, 3, 187
- 235.** Pravec, P., ..., **Snodgrass, C.**, et al. (27 authors), (2022) *Photometric Observations of the Binary Near-Earth Asteroid (65803) Didymos in 2015-2021 Prior to DART Impact*, **PSJ**, 3, 175
- 234.** Lister, Tim, ..., **Snodgrass, Colin**, et al. (35 authors), (2022) *The LCO Outbursting Objects Key Project: Overview and Year 1 Status*, **PSJ**, 3, 173
- 233.** Michel, Patrick, ..., **Snodgrass, Colin**, et al. (48 authors), (2022) *The ESA Hera Mission: Detailed Characterization of the DART Impact Outcome and of the Binary Asteroid (65803) Didymos*, **PSJ**, 3, 160
- 232.** Fulle, Marco, ..., **Snodgrass, C.**, et al. (37 authors), (2022) *Comets beyond 4 au: How pristine are Oort nuclei?*, **MNRAS**, 513, 5377-5386

- 231.** Sahu, Kailash C., . . . , **Snodgrass, Colin**, et al. (94 authors), (2022) *An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*, **ApJ**, 933, 83
- 230.** Herald, A., . . . , **Snodgrass, C.**, et al. (97 authors), (2022) *Precision measurement of a brown dwarf mass in a binary system in the microlensing event. OGLE-2019-BLG-0033/MOA-2019-BLG-035*, **A&A**, 663, A100
- 229.** Opitom, Cyrielle, **Snodgrass, Colin**, Forgia, Fiorangela La, et al. (9 authors), (2022) *Cometary science with CUBES*, **Experimental Astronomy**, in press,
- 228.** Kwon, Yuna G., . . . , **Snodgrass, Colin**, et al. (8 authors), (2022) *VLT spectropolarimetry of comet 67P: dust environment around the end of its intense southern summer*, **A&A**, 657, A40
- 227.** Zegmott, Tarik J., . . . , **Snodgrass, C.**, et al. (10 authors), (2021) *Detection of the YORP effect on the contact binary (68346) 2001 KZ66 from combined radar and optical observations*, **MNRAS**, 507, 4914-4932
- 226.** Sánchez, Joan Pau, . . . , **Snodgrass, Colin**, et al. (11 authors), (2021) *ESA F-Class Comet Interceptor: Trajectory design to intercept a yet-to-be-discovered comet*, **Acta Astronautica**, 188, 265-277
- 225.** Barstow, M. A., . . . , **Snodgrass, C.**, et al. (27 authors), (2021) *The search for living worlds and the connection to our cosmic origins*, **Experimental Astronomy**, in press,
- 224.** Kelley, Michael S. P., . . . , **Snodgrass, Colin**, et al. (36 authors), (2021) *Six Outbursts of Comet 46P/Wirtanen*, **PSJ**, 2, 131
- 223.** Goetz, C., . . . , **Snodgrass, C.**, et al. (30 authors), (2021) *Cometary plasma science*, **Experimental Astronomy**, in press,
- 222.** Kondo, Iona, . . . , **Snodgrass, C.**, et al. (99 authors), (2021) *OGLE-2018-BLG-1185b: A Low-mass Microlensing Planet Orbiting a Low-mass Dwarf*, **AJ**, 162, 77
- 221.** Morgado, B. E., . . . , **Snodgrass, C.**, et al. (81 authors), (2021) *Refined physical parameters for Chariklo's body and rings from stellar occultations observed between 2013 and 2020*, **A&A**, 652, A141
- 220.** Devogèle, Maxime, . . . , **Snodgrass, Colin**, et al. (25 authors), (2021) *(6478) Gault: physical characterization of an active main-belt asteroid*, **MNRAS**, 505, 245-258
- 219.** Bockelée-Morvan, D., . . . , **Snodgrass, Colin**, et al. (30 authors), (2021) *AMBITION - comet nucleus cryogenic sample return*, **Experimental Astronomy**, in press,
- 218.** Opitom, C., . . . , **Snodgrass, C.**, et al. (14 authors), (2021) *The similarity of the interstellar comet 2I/Borisov to Solar System comets from high-resolution optical spectroscopy*, **A&A**, 650, L19
- 217.** Usher, Helen, **Snodgrass, Colin**, Green, Simon F., Norton, Andrew, Roche, Paul, (2020) *Seeing the Bigger Picture: Rosetta Mission Amateur Observing Campaign and Lessons for the Future*, **PSJ**, 1, 84

- 216.** Opitom, C., Guilbert-Lepoutre, A., Besse, S., Yang, B., **Snodgrass, C.**, (2020) *MUSE observations of comet 67P/Churyumov-Gerasimenko. A reference for future comet observations with MUSE*, **A&A**, 644, A143
- 215.** Rommel, F. L., ..., **Snodgrass, C.**, et al. (69 authors), (2020) *Stellar occultations enable milliarcsecond astrometry for Trans-Neptunian objects and Centaurs*, **A&A**, 644, A40
- 214.** Strom, Paul A., ..., **Snodgrass, Colin**, et al. (27 authors), (2020) *Exocomets from a Solar System Perspective*, **PASP**, 132, 101001
- 213.** Hirao, Yuki, ..., **Snodgrass, C.**, et al. (103 authors), (2020) *OGLE-2017-BLG-0406: Spitzer Microlens Parallax Reveals Saturn-mass Planet Orbiting M-dwarf Host in the Inner Galactic Disk*, **AJ**, 160, 74
- 212.** Rubin, Martin, Engrand, Cécile, **Snodgrass, Colin**, et al. (8 authors), (2020) *On the Origin and Evolution of the Material in 67P/Churyumov-Gerasimenko*, **Space Sci. Rev.**, 216, 102
- 211.** Hitchcock, J. A., ..., **Snodgrass, C.**, et al. (26 authors), (2020) *Large-scale changes of the cloud coverage in the ϵ Indi Ba and Bb system*, **MNRAS**, 495, 3881-3899
- 210.** Zang, Weicheng, ..., **Snodgrass, Colin**, et al. (100 authors), (2020) *Spitzer Microlensing Parallax Reveals Two Isolated Stars in the Galactic Bulge*, **ApJ**, 891, 3
- 209.** Gomes-Júnior, A. R., ..., **Snodgrass, C.**, et al. (27 authors), (2020) *The first observed stellar occultations by the irregular satellite Phoebe (Saturn IX) and improved rotational period*, **MNRAS**, 492, 770-781
- 208.** Miyazaki, Shota, ..., **Snodgrass, C.**, et al. (102 authors), (2020) *OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf*, **AJ**, 159, 76
- 207.** Wyrzykowski, L., ..., **Snodgrass, C.**, et al. (185 authors), (2020) *Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye*, **A&A**, 633, A98
- 206.** Southworth, John, ..., **Snodgrass, C.**, et al. (28 authors), (2019) *Transit timing variations in the WASP-4 planetary system*, **MNRAS**, 490, 4230-4236
- 205.** Thomas, N., ..., **Snodgrass, C.**, et al. (9 authors), (2019) *Towards New Comet Missions*, **Space Sci. Rev.**, 215, 47
- 204.** **Snodgrass, Colin**, Jones, Geraint H., (2019) *The European Space Agency's Comet Interceptor lies in wait*, **Nature Communications**, 10, 5418
- 203.** Ligier, N., ..., **Snodgrass, C.**, et al. (8 authors), (2019) *Surface composition and properties of Ganymede: Updates from ground-based observations with the near-infrared imaging spectrometer SIN-FONI/VLT/ESO, Icarus*, 333, 496-515
- 202.** Fitzsimmons, Alan, ..., **Snodgrass, Colin**, et al. (11 authors), (2019) *Detection of CN Gas in Interstellar Object 2I/Borisov*, **ApJ**, 885, L9

201. Nagakane, M., . . . , **Snodgrass, C.**, et al. (73 authors), (2019) *OGLE-2015-BLG-1649Lb: A Gas Giant Planet around a Low-mass Dwarf*, **AJ**, 158, 212
200. Opitom, Cyrielle, . . . , **Snodgrass, Colin**, et al. (12 authors), (2019) *2I/Borisov: A C₂-depleted interstellar comet*, **A&A**, 631, L8
199. Rožek, A., . . . , **Snodgrass, C.**, et al. (25 authors), (2019) *Shape model and spin-state analysis of PHA contact binary (85990) 1999 JV6 from combined radar and optical observations*, **A&A**, 631, A149
198. Tubiana, C., . . . , **Snodgrass, C.**, et al. (56 authors), (2019) *Diurnal variation of dust and gas production in comet 67P/Churyumov-Gerasimenko at the inbound equinox as seen by OSIRIS and VIRTIS-M on board Rosetta*, **A&A**, 630, A23
197. Masoumzadeh, N., . . . , **Snodgrass, C.**, et al. (34 authors), (2019) *Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles*, **A&A**, 630, A11
196. Li, S. -S., . . . , **Snodgrass, C.**, et al. (105 authors), (2019) *OGLE-2017-BLG-1186: first application of asteroseismology and Gaussian processes to microlensing*, **MNRAS**, 488, 3308-3323
195. Tsapras, Y., . . . , **Snodgrass, C.**, et al. (155 authors), (2019) *An analysis of binary microlensing event OGLE-2015-BLG-0060*, **MNRAS**, 487, 4603-4614
194. 'Oumuamua ISSI Team, . . . , **Snodgrass, Collin**, et al. (15 authors), (2019) *The natural history of 'Oumuamua*, **Nature Astronomy**, 3, 594-602
193. Rožek, A., . . . , **Snodgrass, C.**, et al. (14 authors), (2019) *Physical model of near-Earth asteroid (1917) Cuyo from ground-based optical and thermal-IR observations*, **A&A**, 627, A172
192. Groussin, O., . . . , **Snodgrass, C.**, et al. (19 authors), (2019) *The Thermal, Mechanical, Structural, and Dielectric Properties of Cometary Nuclei After Rosetta*, **Space Sci. Rev.**, 215, 29
191. Mancini, L., . . . , **Snodgrass, C.**, et al. (35 authors), (2019) *Physical properties and transmission spectrum of the WASP-74 planetary system from multiband photometry*, **MNRAS**, 485, 5168-5179
190. Street, R. A., . . . , **Snodgrass, C.**, et al. (35 authors), (2019) *OGLE-2018-BLG-0022: A Nearby M-dwarf Binary*, **AJ**, 157, 215
189. Gill, S., . . . , **Snodgrass, C.**, et al. (29 authors), (2019) *The EBLM project. VI. Mass and radius of five low-mass stars in F+M binaries discovered by the WASP survey*, **A&A**, 626, A119
188. Eisner, N. L., Knight, M. M., **Snodgrass, C.**, Kelley, M. S. P., Fitzsimmons, A., Kokotanekova, R., (2019) *Properties of the Bare Nucleus of Comet 96P/Machholz 1*, **AJ**, 157, 186
187. Dominik, M., . . . , **Snodgrass, C.**, et al. (45 authors), (2019) *OGLE-2014-BLG-1186: gravitational microlensing providing evidence for a planet orbiting the foreground star or for a close binary source?*, **MNRAS**, 484, 5608-5632
186. Hyland, M. G., Fitzsimmons, A., **Snodgrass, C.**, (2019) *Near-UV and optical spectroscopy of comets using the ISIS spectrograph on the WHT*, **MNRAS**, 484, 1347-1358

185. Shvartzvald, Yossi, . . . , **Snodgrass, Colin**, et al. (72 authors), (2019) *Spitzer Microlensing Parallax for OGLE-2017-BLG-0896 Reveals a Counter-rotating Low-mass Brown Dwarf*, **AJ**, 157, 106
184. Fulle, M., . . . , **Snodgrass, C.**, et al. (9 authors), (2019) *The refractory-to-ice mass ratio in comets*, **MNRAS**, 482, 3326-3340
183. Bachelet, E., . . . , **Snodgrass, C.**, et al. (57 authors), (2019) *First Assessment of the Binary Lens OGLE-2015-BLG-0232*, **ApJ**, 870, 11
182. Mackay, C., . . . , **Snodgrass, C.**, et al. (16 authors), (2018) *GravityCam: Wide-field high-resolution high-cadence imaging surveys in the visible from the ground*, **PASA**, 35,
181. Kokotanekova, R., **Snodgrass, C.**, Lacerda, P., Green, S. F., Nikolov, P., Bonev, T., (2018) *Implications of the small spin changes measured for large Jupiter-family comet nuclei*, **MNRAS**, 479, 4665-4680
180. Herique, A., . . . , **Snodgrass, C.**, et al. (58 authors), (2018) *Direct observations of asteroid interior and regolith structure: Science measurement requirements*, **Advances in Space Research**, 62, 2141-2162
179. Bowles, N. E., **Snodgrass, C.**, Gibbings, A., et al. (45 authors), (2018) *CASTAway: An asteroid main belt tour and survey*, **Advances in Space Research**, 62, 1998-2025
178. **Snodgrass, C.**, et al. (44 authors), (2018) *The Castalia mission to Main Belt Comet 133P/Elst-Pizarro*, **Advances in Space Research**, 62, 1947-1976
177. Jones, G. H., . . . , **Snodgrass, C.**, et al. (13 authors), (2018) *The proposed Caroline ESA M3 mission to a Main Belt Comet*, **Advances in Space Research**, 62, 1921-1946
176. Han, C., . . . , **Snodgrass, C.**, et al. (61 authors), (2018) *OGLE-2017-BLG-0329L: A Microlensing Binary Characterized with Dramatically Enhanced Precision Using Data from Space-based Observations*, **ApJ**, 859, 82
175. Fraser, W. C., . . . , **Snodgrass, C.**, et al. (7 authors), (2018) *The tumbling rotational state of 1I/'Oumuamua*, **Nature Astronomy**, 2, 383-386
174. Udalski, A., . . . , **Snodgrass, C.**, et al. (58 authors), (2018) *OGLE-2017-BLG-1434Lb: Eighth $q < 1 \times 10^{-4}$ Mass-Ratio Microlens Planet Confirms Turnover in Planet Mass-Ratio Function*, **Acta Astron.**, 68, 1-42
173. Jones, G. H., . . . , **Snodgrass, C.**, et al. (19 authors), (2018) *The Science of Sungrazers, Sunskirters, and Other Near-Sun Comets*, **Space Sci. Rev.**, 214, #20
172. Fitzsimmons, A., **Snodgrass, C.**, Rozitis, B., et al. (10 authors), (2018) *Spectroscopy and thermal modelling of the first interstellar object 1I/2017 U1 'Oumuamua*, **Nature Astronomy**, 2, 133-137
171. Evans, D. F., . . . , **Snodgrass, C.**, et al. (36 authors), (2018) *High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). II. Lucky Imaging results from 2015 and 2016*, **A&A**, 610, A20

170. Udalski, A., . . . , **Snodgrass, C.**, et al. (72 authors), (2018) *OGLE-2014-BLG-0289: Precise Characterization of a Quintuple-peak Gravitational Microlensing Event*, **ApJ**, 853, 70
169. Ryu, Y.-H., . . . , **Snodgrass, C.**, et al. (118 authors), (2018) *OGLE-2016-BLG-1190Lb: The First Spitzer Bulge Planet Lies Near the Planet/Brown-dwarf Boundary*, **AJ**, 155, 40
168. Vaduvescu, O., . . . , **Snodgrass, C.**, et al. (83 authors), (2018) *280 one-opposition near-Earth asteroids recovered by the EURONEAR with the Isaac Newton Telescope*, **A&A**, 609, A105
167. Hundertmark, M., . . . , **Snodgrass, C.**, et al. (24 authors), (2018) *RoboTAP: Target priorities for robotic microlensing observations*, **A&A**, 609, A55
166. Kokotanekova, R., **Snodgrass, C.**, Lacerda, P., et al. (9 authors), (2017) *Rotation of cometary nuclei: new light curves and an update of the ensemble properties of Jupiter-family comets*, **MNRAS**, 471, 2974-3007
165. **Snodgrass, C.**, et al. (14 authors), (2017) *The Main Belt Comets and ice in the Solar System*, **The Astronomy and Astrophysics Review**, 25, 5
164. Leiva, R., . . . , **Snodgrass, C.**, et al. (31 authors), (2017) *Size and Shape of Chariklo from Multi-epoch Stellar Occultations*, **AJ**, 154, 159
163. **Snodgrass, C.**, Yang, B., Fitzsimmons, A., (2017) *X-shooter search for outgassing from main belt comet P/2012 T1 (Pan-STARRS)*, **A&A**, 605, A56
162. Wang, T., . . . , **Snodgrass, C.**, et al. (91 authors), (2017) *Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020*, **ApJ**, 845, 129
161. Blum, J., . . . , **Snodgrass, C.**, et al. (22 authors), (2017) *Evidence for the formation of comet 67P/Churyumov-Gerasimenko through gravitational collapse of a bound clump of pebbles*, **MNRAS**, 469, S755-S773
160. Knight, M. M., **Snodgrass, C.**, Vincent, J.-B., et al. (7 authors), (2017) *Gemini and Lowell observations of 67P/Churyumov-Gerasimenko during the Rosetta mission*, **MNRAS**, 469, S661-S674
159. Opitom, C., **Snodgrass, C.**, Fitzsimmons, A., et al. (8 authors), (2017) *Ground-based monitoring of comet 67P/Churyumov-Gerasimenko gas activity throughout the Rosetta mission*, **MNRAS**, 469, S222-S229
158. Moreno, F., . . . , **Snodgrass, C.**, et al. (9 authors), (2017) *The dust environment of comet 67P/Churyumov-Gerasimenko: results from Monte Carlo dust tail modelling applied to a large ground-based observation data set*, **MNRAS**, 469, S186-S194
157. Koshimoto, N., . . . , **Snodgrass, C.**, et al. (69 authors), (2017) *MOA-2016-BLG-227Lb: A Massive Planet Characterized by Combining Light-curve Analysis and Keck AO Imaging*, **AJ**, 154, 3
156. Zaprudin, B., . . . , **Snodgrass, C.**, et al. (7 authors), (2017) *Solar-insolation-induced changes in the coma morphology of comet 67P/Churyumov-Gerasimenko. Optical monitoring with the Nordic Optical Telescope*, **A&A**, 604, A3

- 155.** Snodgrass, C., et al. (115 authors), (2017) *The 67P/Churyumov-Gerasimenko observation campaign in support of the Rosetta mission*, **Phil. Trans. of the Royal Soc. A**, 375, 20160249
- 154.** Rattenbury, N. J., ..., Snodgrass, C., et al. (88 authors), (2017) *Faint-source-star planetary microlensing: the discovery of the cold gas-giant planet OGLE-2014-BLG-0676Lb*, **MNRAS**, 466, 2710-2717
- 153.** Tsapras, Y., ..., Snodgrass, C., et al. (10 authors), (2017) *Variable stars in the bulge globular cluster NGC 6401*, **MNRAS**, 465, 2489-2504
- 152.** Mancini, L., ..., Snodgrass, C., et al. (30 authors), (2017) *Orbital alignment and star-spot properties in the WASP-52 planetary system*, **MNRAS**, 465, 843-857
- 151.** Giannini, E., ..., Snodgrass, C., et al. (55 authors), (2017) *MiNDSTEp differential photometry of the gravitationally lensed quasars WFI 2033-4723 and HE 0047-1756: microlensing and a new time delay*, **A&A**, 597, A49
- 150.** Henderson, C. B., ..., Snodgrass, C., et al. (127 authors), (2016) *Campaign 9 of the K2 Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey*, **PASP**, 128, 124401
- 149.** Mazzotta Epifani, E., Snodgrass, C., Perna, D., et al. (9 authors), (2016) *Photometry of the Oort Cloud comet C/2009 P1 (Garradd): Pre-perihelion observations at 5.7 and 2.5 AU*, **Planet. Space Sci.**, 132, 23-31
- 148.** Grün, E., ..., Snodgrass, C., et al. (96 authors), (2016) *The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study*, **MNRAS**, 462, S220-S234
- 147.** Snodgrass, C., et al. (16 authors), (2016) *The perihelion activity of comet 67P/Churyumov-Gerasimenko as seen by robotic telescopes*, **MNRAS**, 462, S138-S145
- 146.** Hansen, K. C., ..., Snodgrass, C., et al. (27 authors), (2016) *Evolution of water production of 67P/Churyumov-Gerasimenko: An empirical model and a multi-instrument study*, **MNRAS**, 462, S491-S506
- 145.** Shvartzvald, Y., ..., Snodgrass, C., et al. (99 authors), (2016) *The First Simultaneous Microlensing Observations by Two Space Telescopes: Spitzer and Swift Reveal a Brown Dwarf in Event OGLE-2015-BLG-1319*, **ApJ**, 831, 183
- 144.** Bhattacharya, A., ..., Snodgrass, C., et al. (51 authors), (2016) *Discovery of a Gas Giant Planet in Microlensing Event OGLE-2014-BLG-1760*, **AJ**, 152, 140
- 143.** Bodewits, D., ..., Snodgrass, C., et al. (46 authors), (2016) *Changes in the Physical Environment of the Inner Coma of 67P/Churyumov-Gerasimenko with Decreasing Heliocentric Distance*, **AJ**, 152, 130
- 142.** Bennett, D. P., ..., Snodgrass, C., et al. (87 authors), (2016) *The First Circumbinary Planet Found by Microlensing: OGLE-2007-BLG-349L(AB)c*, **AJ**, 152, 125

141. Han, C., ..., **Snodgrass, C.**, et al. (68 authors), (2016) *OGLE-2015-BLG-0479LA,B: Binary Gravitational Microlens Characterized by Simultaneous Ground-based and Space-based Observations*, **ApJ**, 828, 53
140. Steele, I. A., ..., **Snodgrass, C.**, et al. (13 authors), (2016) *LOTUS: a low-cost, ultraviolet spectrograph*, **MNRAS**, 460, 4268-4276
139. Figuera Jaimes, R., ..., **Snodgrass, C.**, et al. (42 authors), (2016) *Many new variable stars discovered in the core of the globular cluster NGC 6715 (M 54) with EMCCD observations*, **A&A**, 592, A120
138. Zhu, W., ..., **Snodgrass, C.**, et al. (88 authors), (2016) *Mass Measurements of Isolated Objects from Space-based Microlensing*, **ApJ**, 825, 60
137. Davidsson, B. J. R., ..., **Snodgrass, C.**, et al. (48 authors), (2016) *The primordial nucleus of comet 67P/Churyumov-Gerasimenko*, **A&A**, 592, A63
136. Knight, M. M., Fitzsimmons, A., Kelley, M. S. P., **Snodgrass, C.**, (2016) *Comet 322P/SOHO 1: An Asteroid with the Smallest Perihelion Distance?*, **ApJ**, 823, L6
135. Poleski, R., ..., **Snodgrass, C.**, et al. (92 authors), (2016) *The Spitzer Microlensing Program as a Probe for Globular Cluster Planets: Analysis of OGLE-2015-BLG-0448*, **ApJ**, 823, 63
134. Evans, D. F., ..., **Snodgrass, C.**, et al. (36 authors), (2016) *High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). I. Lucky imaging observations of 101 systems in the southern hemisphere*, **A&A**, 589, A58
133. Southworth, J., ..., **Snodgrass, C.**, et al. (50 authors), (2016) *High-precision photometry by telescope defocussing - VIII. WASP-22, WASP-41, WASP-42 and WASP-55*, **MNRAS**, 457, 4205-4217
132. Tsapras, Y., ..., **Snodgrass, C.**, et al. (20 authors), (2016) *The OGLE-III planet detection efficiency from six years of microlensing observations (2003-2008)*, **MNRAS**, 457, 1320-1331
131. Figuera Jaimes, R., ..., **Snodgrass, C.**, et al. (33 authors), (2016) *Exploring the crowded central region of ten Galactic globular clusters using EMCCDs. Variable star searches and new discoveries*, **A&A**, 588, A128
130. **Snodgrass, C.**, et al. (17 authors), (2016) *Distant activity of 67P/Churyumov-Gerasimenko in 2014: Ground-based results during the Rosetta pre-landing phase*, **A&A**, 588, A80
129. Bozza, V., ..., **Snodgrass, C.**, et al. (108 authors), (2016) *Spitzer Observations of OGLE-2015-BLG-1212 Reveal a New Path toward Breaking Strong Microlens Degeneracies*, **ApJ**, 820, 79
128. Street, R. A., ..., **Snodgrass, C.**, et al. (110 authors), (2016) *Spitzer Parallax of OGLE-2015-BLG-0966: A Cold Neptune in the Galactic Disk*, **ApJ**, 819, 93
127. Moreno, F., **Snodgrass, C.**, Hainaut, O., et al. (54 authors), (2016) *The dust environment of comet 67P/Churyumov-Gerasimenko from Rosetta OSIRIS and VLT observations in the 4.5 to 2.9 AU heliocentric distance range inbound*, **A&A**, 587, A155

126. Ciceri, S., ..., **Snodgrass, C.**, et al. (48 authors), (2016) *Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry*, **MNRAS**, 456, 990-1002
125. Samarasinha, N. H., ..., **Snodgrass, C.**, et al. (49 authors), (2015) *Results from the worldwide coma morphology campaign for comet ISON (C/2012 S1)*, **Planet. Space Sci.**, 118, 127-137
124. Deller, J. F., Lowry, S. C., **Snodgrass, C.**, Price, M. C., Sierks, H., (2016) *A new approach to modelling impacts on rubble pile asteroid simulants*, **MNRAS**, 455, 3752-3762
123. Southworth, J., ..., **Snodgrass, C.**, et al. (39 authors), (2015) *Larger and faster: revised properties and a shorter orbital period for the WASP-57 planetary system from a pro-am collaboration*, **MNRAS**, 454, 3094-3107
122. Shvartzvald, Y., ..., **Snodgrass, C.**, et al. (73 authors), (2015) *Spitzer Microlens Measurement of a Massive Remnant in a Well-separated Binary*, **ApJ**, 814, 111
121. Mancini, L., ..., **Snodgrass, C.**, et al. (36 authors), (2015) *Rotation periods and astrometric motions of the Luhman 16AB brown dwarfs by high-resolution lucky-imaging monitoring*, **A&A**, 584, A104
120. Tubiana, C., **Snodgrass, C.**, Michelsen, R., et al. (7 authors), (2015) *2P/Encke, the Taurid complex NEOs and the Maribo and Sutter's Mill meteorites*, **A&A**, 584, A97
119. Fornasier, S., ..., **Snodgrass, C.**, et al. (54 authors), (2015) *Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft*, **A&A**, 583, A30
118. Davidsson, B. J. R., ..., **Snodgrass, C.**, et al. (47 authors), (2015) *Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko*, **A&A**, 583, A16
117. Zaprudin, B., ..., **Snodgrass, C.**, et al. (7 authors), (2015) *Optical observations of comet 67P/Churyumov-Gerasimenko with the Nordic Optical Telescope. Comet activity before the solar conjunction*, **A&A**, 583, A10
116. Bachelet, E., ..., **Snodgrass, C.**, et al. (106 authors), (2015) *Red Noise versus Planetary Interpretations in the Microlensing Event Ogle-2013-BLG-446*, **ApJ**, 812, 136
115. Dias-Oliveira, A., ..., **Snodgrass, C.**, et al. (46 authors), (2015) *Pluto's Atmosphere from Stellar Occultations in 2012 and 2013*, **ApJ**, 811, 53
114. Fukui, A., ..., **Snodgrass, C.**, et al. (66 authors), (2015) *OGLE-2012-BLG-0563Lb: A Saturn-mass Planet around an M Dwarf with the Mass Constrained by Subaru AO Imaging*, **ApJ**, 809, 74
113. Tregloan-Reed, J., ..., **Snodgrass, C.**, et al. (30 authors), (2015) *Transits and starspots in the WASP-6 planetary system*, **MNRAS**, 450, 1760-1769
112. Kains, N., ..., **Snodgrass, C.**, et al. (37 authors), (2015) *A census of variability in globular cluster M 68 (NGC 4590)*, **A&A**, 578, A128

111. Jeong, J., . . . , **Snodgrass, C.**, et al. (102 authors), (2015) *Reanalyses of Anomalous Gravitational Microlensing Events in the OGLE-III Early Warning System Database with Combined Data*, **ApJ**, 804, 38
110. Skowron, J., . . . , **Snodgrass, C.**, et al. (131 authors), (2015) *OGLE-2011-BLG-0265Lb: A Jovian Microlensing Planet Orbiting an M Dwarf*, **ApJ**, 804, 33
109. Calchi Novati, S., . . . , **Snodgrass, C.**, et al. (92 authors), (2015) *Pathway to the Galactic Distribution of Planets: Combined Spitzer and Ground-Based Microlens Parallax Measurements of 21 Single-Lens Events*, **ApJ**, 804, 20
108. Southworth, J., . . . , **Snodgrass, C.**, et al. (28 authors), (2015) *High-precision photometry by telescope defocusing - VII. The ultrashort period planet WASP-103*, **MNRAS**, 447, 711-721
107. Hsieh, H. H., . . . , **Snodgrass, C.**, et al. (18 authors), (2015) *Sublimation-Driven Activity in Main-Belt Comet 313p/Gibbs*, **ApJ**, 800, L16
106. Rotundi, A., . . . , **Snodgrass, C.**, et al. (81 authors), (2015) *Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun*, **Science**, 347, 3905
105. Sierks, H., . . . , **Snodgrass, C.**, et al. (66 authors), (2015) *On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko*, **Science**, 347, 1044
104. Thomas, N., . . . , **Snodgrass, C.**, et al. (59 authors), (2015) *The morphological diversity of comet 67P/Churyumov-Gerasimenko*, **Science**, 347, 440
103. Skottfelt, J., . . . , **Snodgrass, C.**, et al. (34 authors), (2015) *Searching for variable stars in the cores of five metal-rich globular clusters using EMCCD observations*, **A&A**, 573, A103
102. Tubiana, C., **Snodgrass, C.**, Bertini, I., et al. (50 authors), (2015) *67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS*, **A&A**, 573, A62
101. Southworth, J., . . . , **Snodgrass, C.**, et al. (58 authors), (2014) *High-precision photometry by telescope defocussing - VI. WASP-24, WASP-25 and WASP-26*, **MNRAS**, 444, 776-789
100. Henderson, C. B., . . . , **Snodgrass, C.**, et al. (83 authors), (2014) *Candidate Gravitational Microlensing Events for Future Direct Lens Imaging*, **ApJ**, 794, 71
99. Mottola, S., Lowry, S., **Snodgrass, C.**, et al. (49 authors), (2014) *The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta*, **A&A**, 569, L2
98. Fornasier, S., . . . , **Snodgrass, C.**, et al. (9 authors), (2014) *The Centaur 10199 Chariklo: investigation into rotational period, absolute magnitude, and cometary activity*, **A&A**, 568, L11
97. Mancini, L., . . . , **Snodgrass, C.**, et al. (32 authors), (2014) *Physical properties of the WASP-67 planetary system from multi-colour photometry*, **A&A**, 568, A127
96. Yee, J. C., . . . , **Snodgrass, C.**, et al. (77 authors), (2014) *MOA-2013-BLG-220Lb: Massive Planetary Companion to Galactic-disk Host*, **ApJ**, 790, 14

95. Dong, S., . . . , **Snodgrass, C.**, et al. (13 authors), (2014) *OGLE-LMC-ECL-11893: The Discovery of a Long-period Eclipsing Binary with a Circumstellar Disk*, **ApJ**, 788, 41
94. Braga-Ribas, F., . . . , **Snodgrass, C.**, et al. (64 authors), (2014) *A ring system detected around the Centaur (10199) Chariklo*, **Nature**, 508, 72-75
93. Bennett, D. P., . . . , **Snodgrass, C.**, et al. (100 authors), (2014) *MOA-2011-BLG-262Lb: A Sub-Earth-Mass Moon Orbiting a Gas Giant Primary or a High Velocity Planetary System in the Galactic Bulge*, **ApJ**, 785, 155
92. Hsieh, H. H., . . . , **Snodgrass, C.**, et al. (21 authors), (2014) *Search for the Return of Activity in Active Asteroid 176P/LINEAR*, **AJ**, 147, 89
91. Hainaut, O. R., Boehnhardt, H., **Snodgrass, C.**, et al. (15 authors), (2014) *Continued activity in P/2013 P5 PANSTARRS. Unexpected comet, rotational break-up, or rubbing binary asteroid?*, **A&A**, 563, A75
90. Tsapras, Y., . . . , **Snodgrass, C.**, et al. (132 authors), (2014) *A Super-Jupiter Orbiting a Late-type Star: A Refined Analysis of Microlensing Event OGLE-2012-BLG-0406*, **ApJ**, 782, 48
89. Mancini, L., . . . , **Snodgrass, C.**, et al. (32 authors), (2014) *Physical properties and transmission spectrum of the WASP-80 planetary system from multi-colour photometry*, **A&A**, 562, A126
88. Lowry, S. C., . . . , **Snodgrass, C.**, et al. (12 authors), (2014) *The internal structure of asteroid (25143) Itokawa as revealed by detection of YORP spin-up*, **A&A**, 562, A48
87. Mazzotta Epifani, E., . . . , **Snodgrass, C.**, et al. (9 authors), (2014) *Observational results for eight long-period comets observed far from the Sun*, **A&A**, 561, A6
86. Furusawa, K., . . . , **Snodgrass, C.**, et al. (126 authors), (2013) *MOA-2010-BLG-328Lb: A Sub-Neptune Orbiting very Late M Dwarf?*, **ApJ**, 779, 91
85. O'Rourke, L., . . . , **Snodgrass, C.**, et al. (12 authors), (2013) *Herschel and IRAM-30 m observations of comet C/2012 S1 (ISON) at 4.5 AU from the Sun*, **A&A**, 560, A101
84. Park, H., . . . , **Snodgrass, C.**, et al. (65 authors), (2013) *Gravitational Binary-lens Events with Prominent Effects of Lens Orbital Motion*, **ApJ**, 778, 134
83. Mancini, L., . . . , **Snodgrass, C.**, et al. (46 authors), (2013) *Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry*, **MNRAS**, 436, 2-18
82. Hwang, K.-H., . . . , **Snodgrass, C.**, et al. (85 authors), (2013) *Interpretation of a Short-term Anomaly in the Gravitational Microlensing Event MOA-2012-BLG-486*, **ApJ**, 778, 55
81. Han, C., . . . , **Snodgrass, C.**, et al. (74 authors), (2013) *Microlensing Discovery of a Tight, Low-mass-ratio Planetary-mass Object around an Old Field Brown Dwarf*, **ApJ**, 778, 38
80. Southworth, J., . . . , **Snodgrass, C.**, et al. (43 authors), (2013) *High-precision photometry by telescope defocusing - V. WASP-15 and WASP-16*, **MNRAS**, 434, 1300-1308

79. Arellano Ferro, A., ..., **Snodgrass, C.**, et al. (41 authors), (2013) *A detailed census of variable stars in the globular cluster NGC 6333 (M9) from CCD differential photometry*, **MNRAS**, 434, 1220-1238
78. Fernández, Y. R., ..., **Snodgrass, C.**, et al. (17 authors), (2013) *Thermal properties, sizes, and size distribution of Jupiter-family cometary nuclei*, **Icarus**, 226, 1138-1170
77. O'Rourke, L., **Snodgrass, C.**, de Val-Borro, M., et al. (11 authors), (2013) *Determination of an Upper Limit for the Water Outgassing Rate of Main-belt Comet P/2012 T1 (PANSTARRS)*, **ApJ**, 774, L13
76. **Snodgrass, C.**, Tubiana, C., Bramich, D. M., Meech, K., Boehnhardt, H., Barrera, L., (2013) *Beginning of activity in 67P/Churyumov-Gerasimenko and predictions for 2014-2015*, **A&A**, 557, A33
75. Kelley, M. S., ..., **Snodgrass, C.**, et al. (17 authors), (2013) *The persistent activity of Jupiter-family comets at 3-7 AU*, **Icarus**, 225, 475-494
74. Kains, N., ..., **Snodgrass, C.**, et al. (50 authors), (2013) *Estimating the parameters of globular cluster M 30 (NGC 7099) from time-series photometry*, **A&A**, 555, A36
73. Yee, J. C., ..., **Snodgrass, C.**, et al. (132 authors), (2013) *MOA-2010-BLG-311: A Planetary Candidate below the Threshold of Reliable Detection*, **ApJ**, 769, 77
72. Choi, J.-Y., ..., **Snodgrass, C.**, et al. (130 authors), (2013) *Microlensing Discovery of a Population of Very Tight, Very Low Mass Binary Brown Dwarfs*, **ApJ**, 768, 129
71. Skottfelt, J., ..., **Snodgrass, C.**, et al. (36 authors), (2013) *EMCCD photometry reveals two new variable stars in the crowded central region of the globular cluster NGC 6981*, **A&A**, 553, A111
70. Kains, N., ..., **Snodgrass, C.**, et al. (131 authors), (2013) *A giant planet beyond the snow line in microlensing event OGLE-2011-BLG-0251*, **A&A**, 552, A70
69. Ricci, D., ..., **Snodgrass, C.**, et al. (45 authors), (2013) *Flux and color variations of the doubly imaged quasar UM673*, **A&A**, 551, A104
68. Gould, A., ..., **Snodgrass, C.**, et al. (125 authors), (2013) *MOA-2010-BLG-523: "Failed Planet" = RS CVn Star*, **ApJ**, 763, 141
67. Bramich, D. M., ..., **Snodgrass, C.**, et al. (11 authors), (2013) *Difference image analysis: extension to a spatially varying photometric scale factor and other considerations*, **MNRAS**, 428, 2275-2289
66. Street, R. A., ..., **Snodgrass, C.**, et al. (138 authors), (2013) *MOA-2010-BLG-073L: An M-dwarf with a Substellar Companion at the Planet/Brown Dwarf Boundary*, **ApJ**, 763, 67
65. Harpsøe, K. B. W., ..., **Snodgrass, C.**, et al. (41 authors), (2013) *The transiting system GJ1214: high-precision defocused transit observations and a search for evidence of transit timing variation*, **A&A**, 549, A10
64. Shin, I.-G., ..., **Snodgrass, C.**, et al. (158 authors), (2012) *Microlensing Binaries with Candidate Brown Dwarf Companions*, **ApJ**, 760, 116

63. Lowry, S., . . . , **Snodgrass, C.**, et al. (8 authors), (2012) *The nucleus of Comet 67P/Churyumov-Gerasimenko. A new shape model and thermophysical analysis*, **A&A**, 548, A12
62. Bachelet, E., . . . , **Snodgrass, C.**, et al. (123 authors), (2012) *A brown dwarf orbiting an M-dwarf: MOA 2009-BLG-411L*, **A&A**, 547, A55
61. Southworth, J., . . . , **Snodgrass, C.**, et al. (32 authors), (2012) *High-precision photometry by telescope defocusing - IV. Confirmation of the huge radius of WASP-17 b*, **MNRAS**, 426, 1338-1348
60. Choi, J.-Y., . . . , **Snodgrass, C.**, et al. (126 authors), (2012) *A New Type of Ambiguity in the Planet and Binary Interpretations of Central Perturbations of High-magnification Gravitational Microlensing Events*, **ApJ**, 756, 48
59. Carry, B., **Snodgrass, C.**, Lacerda, P., Hainaut, O., Dumas, C., (2012) *Characterisation of candidate members of (136108) Haumea's family. II. Follow-up observations*, **A&A**, 544, A137
58. Bozza, V., . . . , **Snodgrass, C.**, et al. (106 authors), (2012) *OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary?*, **MNRAS**, 424, 902-918
57. Shin, I.-G., . . . , **Snodgrass, C.**, et al. (127 authors), (2012) *Characterizing Low-mass Binaries from Observation of Long-timescale Caustic-crossing Gravitational Microlensing Events*, **ApJ**, 755, 91
56. Bachelet, E., . . . , **Snodgrass, C.**, et al. (147 authors), (2012) *MOA 2010-BLG-477Lb: Constraining the Mass of a Microlensing Planet from Microlensing Parallax, Orbital Motion, and Detection of Blended Light*, **ApJ**, 754, 73
55. Weiss, B. P., . . . , **Snodgrass, C.**, et al. (13 authors), (2012) *Possible evidence for partial differentiation of asteroid Lutetia from Rosetta*, **Planet. Space Sci.**, 66, 137-146
54. Massironi, M., . . . , **Snodgrass, C.**, et al. (17 authors), (2012) *Geological map and stratigraphy of asteroid 21 Lutetia*, **Planet. Space Sci.**, 66, 125-136
53. Thomas, N., . . . , **Snodgrass, C.**, et al. (30 authors), (2012) *The geomorphology of (21) Lutetia: Results from the OSIRIS imaging system onboard ESA's Rosetta spacecraft*, **Planet. Space Sci.**, 66, 96-124
52. Bertini, I., . . . , **Snodgrass, C.**, et al. (13 authors), (2012) *Search for satellites near (21) Lutetia using OSIRIS/Rosetta images*, **Planet. Space Sci.**, 66, 64-70
51. Miyake, N., . . . , **Snodgrass, C.**, et al. (86 authors), (2012) *A Possible Binary System of a Stellar Remnant in the High-magnification Gravitational Microlensing Event OGLE-2007-BLG-514*, **ApJ**, 752, 82
50. Choi, J.-Y., . . . , **Snodgrass, C.**, et al. (157 authors), (2012) *Characterizing Lenses and Lensed Stars of High-magnification Single-lens Gravitational Microlensing Events with Lenses Passing over Source Stars*, **ApJ**, 751, 41

49. Hsieh, H. H., ..., **Snodgrass, C.**, et al. (39 authors), (2012) *Observational and Dynamical Characterization of Main-belt Comet P/2010 R2 (La Sagra)*, **AJ**, 143, 104
48. Shin, I.-G., ..., **Snodgrass, C.**, et al. (158 authors), (2012) *Microlensing Binaries Discovered through High-magnification Channel*, **ApJ**, 746, 127
47. Wolters, S. D., ..., **Snodgrass, C.**, et al. (8 authors), (2011) *Physical characterization of low delta-V asteroid (175706) 1996 FG3*, **MNRAS**, 418, 1246-1257
46. Sierks, H., ..., **Snodgrass, C.**, et al. (58 authors), (2011) *Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System*, **Science**, 334, 487
45. Muraki, Y., ..., **Snodgrass, C.**, et al. (136 authors), (2011) *Discovery and Mass Measurements of a Cold, 10 Earth Mass Planet and Its Host Star*, **ApJ**, 741, 22
44. Skowron, J., ..., **Snodgrass, C.**, et al. (107 authors), (2011) *Binary Microlensing Event OGLE-2009-BLG-020 Gives Verifiable Mass, Distance, and Orbit Predictions*, **ApJ**, 738, 87
43. Shin, I.-G., ..., **Snodgrass, C.**, et al. (57 authors), (2011) *OGLE-2005-BLG-018: Characterization of Full Physical and Orbital Parameters of a Gravitational Binary Lens*, **ApJ**, 735, 85
42. **Snodgrass, C.**, Fitzsimmons, A., Lowry, S. C., Weissman, P., (2011) *The size distribution of Jupiter Family comet nuclei*, **MNRAS**, 414, 458-469
41. Meech, K. J., ..., **Snodgrass, C.**, et al. (197 authors), (2011) *EPOXI: Comet 103P/Hartley 2 Observations from a Worldwide Campaign*, **ApJ**, 734, L1
40. Batista, V., ..., **Snodgrass, C.**, et al. (135 authors), (2011) *MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf*, **A&A**, 529, A102
39. Ricci, D., ..., **Snodgrass, C.**, et al. (36 authors), (2011) *Flux and color variations of the quadruply imaged quasar HE 0435-1223*, **A&A**, 528, A42
38. Southworth, J., ..., **Snodgrass, C.**, et al. (32 authors), (2011) *A much lower density for the transiting extrasolar planet WASP-7*, **A&A**, 527, A8
37. Miyake, N., ..., **Snodgrass, C.**, et al. (123 authors), (2011) *A Sub-Saturn Mass Planet, MOA-2009-BLG-319Lb*, **ApJ**, 728, 120
36. Southworth, J., ..., **Snodgrass, C.**, et al. (26 authors), (2010) *High-precision photometry by telescope defocusing - III. The transiting planetary system WASP-2*, **MNRAS**, 408, 1680-1688
35. Hwang, K.-H., ..., **Snodgrass, C.**, et al. (84 authors), (2010) *OGLE-2005-BLG-153: Microlensing Discovery and Characterization of a Very Low Mass Binary*, **ApJ**, 723, 797-802
34. Ryu, Y.-H., ..., **Snodgrass, C.**, et al. (115 authors), (2010) *OGLE-2009-BLG-092/MOA-2009-BLG-137: A Dramatic Repeating Event with the Second Perturbation Predicted by Real-time Analysis*, **ApJ**, 723, 81-88

33. **Snodgrass, C.**, et al. (19 authors), (2010) *A collision in 2009 as the origin of the debris trail of asteroid P/2010A2*, **Nature**, 467, 814-816
32. Gould, A., ..., **Snodgrass, C.**, et al. (154 authors), (2010) *Frequency of Solar-like Systems and of Ice and Gas Giants Beyond the Snow Line from High-magnification Microlensing Events in 2005-2008*, **ApJ**, 720, 1073-1089
31. Dominik, M., ..., **Snodgrass, C.**, et al. (28 authors), (2010) *Realisation of a fully-deterministic microlensing observing strategy for inferring planet populations*, **Astronomische Nachrichten**, 331, 671
30. Fouqué, P., ..., **Snodgrass, C.**, et al. (112 authors), (2010) *OGLE 2008-BLG-290: an accurate measurement of the limb darkening of a galactic bulge K Giant spatially resolved by microlensing*, **A&A**, 518, A51
29. **Snodgrass, C.**, Meech, K., Hainaut, O., (2010) *The nucleus of 103P/Hartley 2, target of the EPOXI mission*, **A&A**, 516, L9
28. Bennett, D. P., ..., **Snodgrass, C.**, et al. (79 authors), (2010) *Masses and Orbital Constraints for the OGLE-2006-BLG-109Lb,c Jupiter/Saturn Analog Planetary System*, **ApJ**, 713, 837-855
27. Hsieh, H. H., Jewitt, D., Lacerda, P., Lowry, S. C., **Snodgrass, C.**, (2010) *The return of activity in main-belt comet 133P/Elst-Pizarro*, **MNRAS**, 403, 363-377
26. Sumi, T., ..., **Snodgrass, C.**, et al. (107 authors), (2010) *A Cold Neptune-Mass Planet OGLE-2007-BLG-368Lb: Cold Neptunes Are Common*, **ApJ**, 710, 1641-1653
25. **Snodgrass, C.**, Carry, B., Dumas, C., Hainaut, O., (2010) *Characterisation of candidate members of (136108) Haumea's family*, **A&A**, 511, A72
24. Southworth, J., ..., **Snodgrass, C.**, et al. (27 authors), (2009) *Physical Properties of the 0.94-Day Period Transiting Planetary System WASP-18*, **ApJ**, 707, 167-172
23. Batista, V., ..., **Snodgrass, C.**, et al. (100 authors), (2009) *Mass measurement of a single unseen star and planetary detection efficiency for OGLE 2007-BLG-050*, **A&A**, 508, 467-478
22. Licandro, J., ..., **Snodgrass, C.**, et al. (18 authors), (2009) *Spitzer observations of the asteroid-comet transition object and potential spacecraft target 107P (4015) Wilson-Harrington*, **A&A**, 507, 1667-1670
21. Han, C., ..., **Snodgrass, C.**, et al. (94 authors), (2009) *Interpretation of Strong Short-Term Central Perturbations in the Light Curves of Moderate-Magnification Microlensing Events*, **ApJ**, 705, 1116-1121
20. Southworth, J., ..., **Snodgrass, C.**, et al. (21 authors), (2009) *High-precision photometry by telescope defocussing - II. The transiting planetary system WASP-4*, **MNRAS**, 399, 287-294
19. Lisse, C. M., ..., **Snodgrass, C.**, et al. (10 authors), (2009) *Spitzer Space Telescope Observations of the Nucleus of Comet 103P/Hartley 2*, **PASP**, 121, 968-975

18. **Snodgrass, C.**, (2009) *Mony a Mickle Maks a Muckle: Minor Body Observations with Optical Telescopes of All Sizes*, **Earth Moon and Planets**, 105, 187-191
17. Horne, K., **Snodgrass, C.**, Tsapras, Y., (2009) *A metric and optimization scheme for microlens planet searches*, **MNRAS**, 396, 2087-2102
16. Southworth, J., ..., **Snodgrass, C.**, et al. (23 authors), (2009) *High-precision photometry by telescope defocusing - I. The transiting planetary system WASP-5*, **MNRAS**, 396, 1023-1031
15. Gould, A., ..., **Snodgrass, C.**, et al. (78 authors), (2009) *The Extreme Microlensing Event OGLE-2007-BLG-224: Terrestrial Parallax Observation of a Thick-Disk Brown Dwarf*, **ApJ**, 698, L147-L151
14. Kains, N., ..., **Snodgrass, C.**, et al. (45 authors), (2009) *A systematic fitting scheme for caustic-crossing microlensing events*, **MNRAS**, 395, 787-796
13. Dong, S., ..., **Snodgrass, C.**, et al. (88 authors), (2009) *OGLE-2005-BLG-071Lb, the Most Massive M Dwarf Planetary Companion?*, **ApJ**, 695, 970-987
12. Groussin, O., ..., **Snodgrass, C.**, et al. (12 authors), (2009) *The size and thermal properties of the nucleus of Comet 22P/Kopff*, **Icarus**, 199, 568-570
11. Tsapras, Y., ..., **Snodgrass, C.**, et al. (23 authors), (2009) *RoboNet-II: Follow-up observations of microlensing events with a robotic network of telescopes*, **Astronomische Nachrichten**, 330, 4
10. Kubas, D., ..., **Snodgrass, C.**, et al. (41 authors), (2008) *Limits on additional planetary companions to OGLE 2005-BLG-390L*, **A&A**, 483, 317-324
9. **Snodgrass, C.**, Lowry, S. C., Fitzsimmons, A., (2008) *Optical observations of 23 distant Jupiter Family Comets, including 36P/Whipple at multiple phase angles*, **MNRAS**, 385, 737-756
8. Marciniak, A., ..., **Snodgrass, C.**, et al. (14 authors), (2008) *Photometry and models of selected main belt asteroids. V. 73 Klytia, 377 Campania, and 378 Holmia*, **A&A**, 478, 559-565
7. Dominik, M., ..., **Snodgrass, C.**, et al. (15 authors), (2008) *ARTEMiS (Automated Robotic Terrestrial Exoplanet Microlensing Search): A possible expert-system based cooperative effort to hunt for planets of Earth mass and below*, **Astronomische Nachrichten**, 329, 248
6. **Snodgrass, C.**, Lowry, S. C., Fitzsimmons, A., (2006) *Photometry of cometary nuclei: rotation rates, colours and a comparison with Kuiper Belt Objects*, **MNRAS**, 373, 1590-1602
5. Gould, A., ..., **Snodgrass, C.**, et al. (36 authors), (2006) *Microlens OGLE-2005-BLG-169 Implies That Cool Neptune-like Planets Are Common*, **ApJ**, 644, L37-L40
4. Beaulieu, J.-P., ..., **Snodgrass, C.**, et al. (73 authors), (2006) *Discovery of a cool planet of 5.5 Earth masses through gravitational microlensing*, **Nature**, 439, 437-440
3. **Snodgrass, C.**, Fitzsimmons, A., Lowry, S. C., (2005) *The nuclei of comets 7P/Pons-Winnecke, 14P/Wolf and 92P/Sanguin*, **A&A**, 444, 287-295

2. Meech, K. J., ..., **Snodgrass, C.**, et al. (209 authors), (2005) *Deep Impact: Observations from a Worldwide Earth-Based Campaign*, **Science**, 310, 265-269
1. **Snodgrass, C.**, Horne, K., Tsapras, Y., (2004) *The abundance of Galactic planets from OGLE-III 2002 microlensing data*, **MNRAS**, 351, 967-975

Non-Refereed

162. Cristiani, S., ..., **Snodgrass, C.**, et al. (80 authors), (2022) *CUBES, the Cassegrain U-Band Efficient Spectrograph for the VLT*, **The Messenger**, 188, 36-41
161. Usher, Helen, **Snodgrass, Colin**, Biver, Nicolas, et al. (8 authors), (2022) *Strengthening Pro-Am Comet Community Cooperation: Report on Europlanet Pro-Am Workshop (10-12 June 2022)*, in European Planetary Science Congress, EPSC2022-1135
160. Gray, Zuri, ..., **Snodgrass, Colin**, et al. (13 authors), (2022) *The Return of Rosetta's Comet: Photometric and Polarimetric Observations of Comet 67P/Churyumov-Gerasimenko in its 2021-22 Apparition.*, in European Planetary Science Congress, EPSC2022-1094
159. Jones, Geraint, **Snodgrass, Colin**, Tubiana, Cecilia, (2022) *The Comet Interceptor Mission*, in European Planetary Science Congress, EPSC2022-1085
158. Kokotanekova, Rosita, ..., **Snodgrass, Colin**, et al. (10 authors), (2022) *Observations during a 20-au outburst of the largest observed Oort-cloud comet C/2014 UN271 (Bernardinelli-Bernstein)*, in European Planetary Science Congress, EPSC2022-989
157. Ferellec, Léa, **Snodgrass, Colin**, Opitom, Cyrielle, (2022) *A targeted search for Main Belt Comets*, in European Planetary Science Congress, EPSC2022-925
156. Gardener, Daniel, **Snodgrass, Colin**, (2022) *Searching for Outbursts in the Ground-Based Photometry of 67P/Churyumov-Gerasimenko*, in European Planetary Science Congress, EPSC2022-591
155. Podlowska-Gaca, Edyta, ..., **Snodgrass, Colin**, et al. (9 authors), (2022) *PARSEC Alert System*, in European Planetary Science Congress, EPSC2022-553
154. Cristiani, S., ..., **Snodgrass, C.**, et al. (77 authors), (2022) *CUBES: the Cassegrain U-band Efficient Spectrograph*, in Ground-based and Airborne Instrumentation for Astronomy IX, 12184, 121840A
153. Jones, Geraint, Da Deppo, Vania, **Snodgrass, Colin**, Tubiana, Cecilia, (2022) *The Comet Interceptor Mission*, in 44th COSPAR Scientific Assembly. Held 16-24 July, 44, 197
152. Southworth, John, ..., **Snodgrass, C.**, et al. (17 authors), (2022) *VLT, GROND and Danish Telescope observations of transits in the TRAPPIST-1 system*, **The Observatory**, arXiv:2207.05874
151. Jones, G. H., **Snodgrass, C.**, Tubiana, C., (2022) *The Comet Interceptor Mission*, in 53rd Lunar and Planetary Science Conference, 2678, 2943
150. Guy, Leanne P., ..., **Snodgrass, Colin**, et al. (121 authors), (2022) *Rubin-Euclid Derived Data Products: Initial Recommendations*, in Zenodo id. 5836022, 58, 5836022

149. Jones, Geraint, **Snodgrass, Colin**, Tubiana, Cecilia, (2021) *The Comet Interceptor Mission*, in AGU Fall Meeting Abstracts, 2021, P32B-04
148. Opitom, Cyrielle, . . . , **Snodgrass, Colin**, et al. (13 authors), (2021) *A surprising similarity to solar system comets from high resolution optical spectroscopy of 2I/Borisov*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 505.02
147. Jones, Geraint H., **Snodgrass, Colin**, Tubiana, Cecilia, (2021) *The Comet Interceptor Mission*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 412.06
146. Kokotanekova, Rosita, . . . , **Snodgrass, Colin**, et al. (10 authors), (2021) *Observations of the newly discovered comet C/2014 UN271 (Bernardinelli-Bernstein) active beyond 20 au*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 301.04
145. Holt, Carrie E., . . . , **Snodgrass, Colin**, et al. (10 authors), (2021) *Characterizing newly discovered distant comets*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 210.14
144. Knight, Matthew, . . . , **Snodgrass, Colin**, et al. (11 authors), (2021) *Characterizing Comet Interceptor mission backup targets*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 208.06
143. Thomas, Cristina, . . . , **Snodgrass, Colin**, et al. (21 authors), (2021) *Constraining the Orbital Parameters of the Didymos-Dimorphos System: Photometric Observations in Support of DART*, in AAS/Division for Planetary Sciences Meeting Abstracts, 53, 113.02
142. Kokotanekova, Rosita, **Snodgrass, Colin**, Donaldson, Abbie, Lacerda, Pedro, Opitom, Cyrielle, (2021) *Phase Functions and Rotational Light Curves of Centaur (281371) 2008 FC76 and Scattered Disk Object (44594) 1999 OX3*, in European Planetary Science Congress, EPSC2021-668
141. Jones, Geraint, **Snodgrass, Colin**, Tubiana, Cecilia, (2021) *The Comet Interceptor Mission*, in European Planetary Science Congress, EPSC2021-606
140. Scherf, Manuel, **Snodgrass, Colin**, Tautvaisiene, Grazina, et al. (9 authors), (2021) *Supporting the planetary sciences community with the Europlanet Telescope Network*, in European Planetary Science Congress, EPSC2021-549
139. Gardener, Daniel, **Snodgrass, Colin**, (2021) *Searching for Outbursts in Ground-Based Photometry of 67P/Churyumov-Gerasimenko*, in European Planetary Science Congress, EPSC2021-536
138. Dotto, Elisabetta, . . . , **Snodgrass, Colin**, et al. (18 authors), (2021) *The EU Project NEOROCKS —NEO Rapid Observation, Characterization, and Key Simulations Project*, in European Planetary Science Congress, EPSC2021-389
137. Donaldson, Abbie, **Snodgrass, Colin**, Kokotanekova, Rosita, Rožek, Agata, (2021) *The convex shape model of 162P/Siding-Spring from ground-based photometry*, in European Planetary Science Congress, EPSC2021-336

- 136.** Opitom, Cyrielle, . . . , **Snodgrass, Colin**, et al. (14 authors), (2021) *High resolution optical spectroscopy of 2I/Borisov: a surprising similarity to solar system comets*, in European Planetary Science Congress, EPSC2021-178
- 135.** Schwamb, Megan E., . . . , **Snodgrass, Colin**, et al. (15 authors), (2021) *Year 1 of the Legacy Survey of Space and Time (LSST): Recommendations for Template Production to Enable Solar System Small Body Transient and Time Domain Science*, **Research Notes of the American Astronomical Society**, 5, 143
- 134.** Kokotanekova, Rosita, . . . , **Snodgrass, Colin**, et al. (7 authors), (2021) *Newly discovered object 2014 UN271 observed as active at 20.18 au*, **The Astronomer's Telegram**, 14733, 1
- 133.** Vera C. Rubin Observatory LSST Solar System Science Collaboration, . . . , **Snodgrass, Colin**, et al. (21 authors), (2021) *The Scientific Impact of the Vera C. Rubin Observatory's Legacy Survey of Space and Time (LSST) for Solar System Science*, in Bulletin of the American Astronomical Society, 53, 236
- 132.** Holt, Carrie E., . . . , **Snodgrass, Colin**, et al. (8 authors), (2021) *Small Perihelion Effects on Near-Sun Asteroids*, in 7th IAA Planetary Defense Conference, 226
- 131.** Dotto, Elisabetta, . . . , **Snodgrass, C.**, et al. (19 authors), (2021) *NEOROCKS: An innovative and pragmatic approach to planetary defense*, in 7th IAA Planetary Defense Conference, 221
- 130.** Ieva, S., . . . , **Snodgrass, C.**, et al. (39 authors), (2021) *Spectroscopic Characterization of the Didymos System, Target of the Kinetic Impactor DART/LICIACube Mission*, in 7th IAA Planetary Defense Conference, 196
- 129.** Jones, Geraint H., **Snodgrass, Colin**, Tubiana, Cecilia, (2021) *The Comet Interceptor Mission*, in EGU General Assembly Conference Abstracts, EGU21-15188
- 128.** Dotto, E., . . . , **Snodgrass, C.**, et al. (18 authors), (2021) *The EU Project NEOROCKS —The NEO Rapid Observation, Characterization, and Key Simulations Project*, in 52nd Lunar and Planetary Science Conference, 1971
- 127.** Ieva, S., . . . , **Snodgrass, C.**, et al. (39 authors), (2021) *Rotational Resolved Spectroscopy of the Didymos System, Target of the DART/LICIACube Mission*, in 52nd Lunar and Planetary Science Conference, 1239
- 126.** Mazzotta Epifani, E., . . . , **Snodgrass, C.**, et al. (40 authors), (2021) *Rotational Properties of Binary Asteroid System (65803) Didymos, Target of the DART/LICIACube and HERA Missions*, in 52nd Lunar and Planetary Science Conference, 1190
- 125.** Bannister, Michele, Jones, Geraint, **Snodgrass, Colin**, Tubiana, Cecilia, (2021) *Comet Interceptor development and its future prospects*, in 43rd COSPAR Scientific Assembly. Held 28 January - 4 February, 43, 300
- 124.** **Snodgrass, C.**, (2021) *Meeting contribution: Latest news in spacecraft exploration of comets and asteroids*, **Journal of the British Astronomical Association**, 131, 58-59

- 123.** Kokotanekova, R., **Snodgrass, C.**, (2020) *Relationship between the phase-function slope and albedo of comets, asteroids and asteroids on cometary orbits*, in AAS/Division for Planetary Sciences Meeting Abstracts, 52, 514.02
- 122.** Holt, C. E., . . . , **Snodgrass, C.**, et al. (8 authors), (2020) *Small Perihelion Effects on Near-Sun Asteroids*, in AAS/Division for Planetary Sciences Meeting Abstracts, 52, 412.05
- 121.** Vera C. Rubin Observatory LSST Solar System Science Collaboration, . . . , **Snodgrass, Colin**, et al. (21 authors), (2020) *The Scientific Impact of the Vera C. Rubin Observatory's Legacy Survey of Space and Time (LSST) for Solar System Science*, **arXiv e-prints**, arXiv:2009.07653
- 120.** Dotto, Elisabetta, . . . , **Snodgrass, Colin**, et al. (18 authors), (2020) *The EU H2020 programme NEOROCKS*, in European Planetary Science Congress, EPSC2020-949
- 119.** Usher, Helen, **Snodgrass, Colin**, Roche, Paul, et al. (7 authors), (2020) *Comets: Seeing The Bigger Picture - Maximising the Contribution of Amateurs*, in European Planetary Science Congress, EPSC2020-849
- 118.** Dover, Lord, . . . , **Snodgrass, Colin**, et al. (11 authors), (2020) *Physical modelling of YORP-evolved NEA (23187) 2000 PN9 from optical and radar observations*, in European Planetary Science Congress, EPSC2020-825
- 117.** Kokotanekova, Rosita, **Snodgrass, Colin**, (2020) *Relationship between the phase-function slope and albedo of comets and asteroids*, in European Planetary Science Congress, EPSC2020-776
- 116.** Ligier, Nicolas, . . . , **Snodgrass, Colin**, et al. (7 authors), (2020) *Pending the JUICE/ESA mission . . . surface composition and properties of Ganymede from near-infrared ground-based measurements*, in European Planetary Science Congress, EPSC2020-655
- 115.** Jehin, Emmanuel, . . . , **Snodgrass, Colin**, et al. (9 authors), (2020) *Monitoring of the optical spectrum of comet 2I/Borisov at the VLT*, in European Planetary Science Congress, EPSC2020-653
- 114.** Tubiana, Cecilia, Jones, Geraint, **Snodgrass, Colin**, (2020) *Comet Interceptor: A mission to an ancient world*, in European Planetary Science Congress, EPSC2020-574
- 113.** Opitom, Cyrielle, . . . , **Snodgrass, Colin**, et al. (12 authors), (2020) *Follow-up of the activity and composition of the interstellar comet 2I/Borisov with MUSE*, in European Planetary Science Congress, EPSC2020-569
- 112.** Scherf, Manuel, **Snodgrass, Colin**, Hueso, Ricardo, et al. (11 authors), (2020) *The Europlanet Telescope Network: A global collaboration in support of planetary sciences*, in European Planetary Science Congress, EPSC2020-313
- 111.** Schwamb, Megan, . . . , **Snodgrass, Colin**, et al. (11 authors), (2020) *Near-Simultaneous Optical + NIR Photometry of Interstellar Comet 2I/Borisov*, in European Planetary Science Congress, EPSC2020-46
- 110.** Jones, G. H., **Snodgrass, C.**, (2020) *Comet Interceptor: A Mission to an Ancient World*, in 51st Annual Lunar and Planetary Science Conference, 2938

109. Bowles, N. E., ..., **Snodgrass, C.**, et al. (19 authors), (2020) *The Modular Infrared Molecules and Ices Sensor (MIRMIS) for ESA's Comet Interceptor F-Class Mission*, in 51st Annual Lunar and Planetary Science Conference, 2097
108. Ligier, N., ..., **Snodgrass, C.**, et al. (8 authors), (2020) *Reappraisal and New Constraints on Europa's Surface Composition with the Near-Infrared Imaging Spectrometer SINFONI of the VLT*, in 51st Annual Lunar and Planetary Science Conference, 1964
107. Ligier, N., Calvin, W. M., Carter, J., Poulet, F., Paranicas, C., **Snodgrass, C.**, (2020) *New Insights into Callisto's Surface Composition with the Ground-Based Near-Infrared Imaging Spectrometer SINFONI of the VLT*, in 51st Annual Lunar and Planetary Science Conference, 1959
106. Michel, P., ..., **Snodgrass, C.**, et al. (27 authors), (2020) *Science and Planetary Defense Aspects of the ESA Hera Mission*, in 51st Annual Lunar and Planetary Science Conference, 1441
105. Schwamb, Megan E., ..., **Snodgrass, Colin**, et al. (8 authors), (2020) *Potential Backup Targets for Comet Interceptor*, **Research Notes of the American Astronomical Society**, 4, 21
104. Mackay, C., ..., **Snodgrass, C.**, et al. (16 authors), (2019) *GravityCam: Wide-field Imaging Surveys in the Visible from the Ground*, **arXiv e-prints**, arXiv:1911.07544
103. Rožek, Agata, ..., **Snodgrass, Colin**, et al. (10 authors), (2019) *Physical characterisation of near-Earth asteroid (2102) Tantalus from optical and radar observations*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1931
102. Zegmott, Tarik, ..., **Snodgrass, Colin**, et al. (9 authors), (2019) *Physical Characterisation of Near-Earth Asteroid (68346) 2001 KZ66 from Optical and Radar Observations*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1867
101. Jehin, Emmanuel, ..., **Snodgrass, Colin**, et al. (10 authors), (2019) *A photometric and spectroscopic study of the multi-tailed asteroid (6478) Gault*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1826
100. Kokotanekova, Rosita, Lacerda, Pedro, **Snodgrass, Colin**, (2019) *Optimal strategy for KBO lightcurve studies from the ground*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1767
99. Jones, Geraint, **Snodgrass, Colin**, (2019) *Comet Interceptor: A proposed ESA Mission to a Dynamically New Comet*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1679
98. Scherf, Manuel, **Snodgrass, Colin**, Kargl, Günter, et al. (8 authors), (2019) *Amateur collaboration within Europlanet 2020 and beyond*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1612
97. Jehin, Emmanuel, ..., **Snodgrass, Colin**, et al. (10 authors), (2019) *The unique spectrum of comet C/2016 R2 (PanSTARRS)*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1593
96. Lowry, Stephen, ..., **Snodgrass, Colin**, et al. (15 authors), (2019) *Physical Model of Near-Earth Asteroid (1917) Cuyo and Detection of a Mass-Lofting Event*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1561

- 95.** Kokotaneikova, Rosita, **Snodgrass, Colin**, Lacerda, Pedro, et al. (10 authors), (2019) *Testing the surface evolution hypothesis of JFCs with ground photometric observations*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-1251
- 94.** Lister, Tim, Bodewits, Dennis, Farnham, Tony, Gomez, Edward, Knight, Matthew, **Snodgrass, Colin**, (2019) *Narrowband Observations of Comet 46P/Wirtanen with the Las Cumbres Observatory (LCO) Telescope Network*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-952
- 93.** Slavinskis, Andris, . . . , **Snodgrass, Colin**, et al. (9 authors), (2019) *OPTical Imager for Comets (OPIC) for proposed F mission Comet Interceptor*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-680
- 92.** Holt, Carrie E., Knight, Matthew M., Sunshine, Jessica M., **Snodgrass, Colin**, Fitzsimmons, Alan, Kelley, Michael S. P., (2019) *Small perihelion effects on near-Earth objects*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-612
- 91.** Ligier, Nicolas, Calvin, Wendy M., Carter, John, Paranicas, Christopher, Poulet, Francois, **Snodgrass, Colin**, (2019) *New insights about Callisto's surface composition and properties from ground-based observations*, in EPSC-DPS Joint Meeting 2019, 2019, EPSC-DPS2019-491
- 90.** Götz, Charlotte, . . . , **Snodgrass, Colin**, et al. (30 authors), (2019) *Cometary Plasma Science – A White Paper in response to the Voyage 2050 Call by the European Space Agency*, **arXiv e-prints**, arXiv:1908.00377
- 89.** **Snodgrass, Colin**, Skottfelt, Jesper, Mackay, Craig, Dominik, Martin, (2019) *GravityCam: A wide-field high-resolution imager for the NTT*, in The Very Large Telescope in 2030, 53
- 88.** **Snodgrass, Colin**, Evans, Chris, (2019) *Comets with CUBES: The Solar System science case for UV instrumentation at the VLT*, in The Very Large Telescope in 2030, 52
- 87.** Bockelée-Morvan, D., . . . , **Snodgrass, C.**, et al. (30 authors), (2019) *AMBITION – Comet Nucleus Cryogenic Sample Return (White paper for ESA's Voyage 2050 programme)*, **arXiv e-prints**, arXiv:1907.11081
- 86.** Jones, Geraint, **Snodgrass, Colin**, (2019) *Comet Interceptor: A proposed ESA Mission to a Dynamically New Comet*, in EGU General Assembly Conference Abstracts, 15361
- 85.** **Snodgrass, Colin**, (2019) *GravityCam : A future wide-field high-resolution imager for the NTT*, in The La Silla Observatory - From the Inauguration to the Future, 23
- 84.** Ligier, N., . . . , **Snodgrass, C.**, et al. (8 authors), (2019) *Properties and Composition of Ganymede's Surface: Updates from Near-Infrared Ground-Based Observations with SINFONI/VLT/ESO*, in 50th Annual Lunar and Planetary Science Conference, 1214
- 83.** Schwamb, M. E., . . . , **Snodgrass, C.**, et al. (15 authors), (2018) *A Northern Ecliptic Survey for Solar System Science*, **arXiv e-prints**,

82. Volk, K., . . . , **Snodgrass, C.**, et al. (10 authors), (2018) *The Effects of Filter Choice on Outer Solar System Science with LSST*, **arXiv e-prints**,
81. **Snodgrass, C.**, et al. (20 authors), (2018) *Simultaneous LSST and Euclid observations - advantages for Solar System Objects*, **arXiv e-prints**,
80. Seaman, R., . . . , **Snodgrass, C.**, et al. (12 authors), (2018) *A near-Sun Solar System Twilight Survey with LSST*, **arXiv e-prints**,
79. Lowry, S., . . . , **Snodgrass, C.**, et al. (9 authors), (2018) *The Thermal Response of Asteroid Surfaces: Results from ESO Large Programme*, in AAS/Division for Planetary Sciences Meeting Abstracts, 50, 508.05
78. Ligier, N., Poulet, F., Carter, J., **Snodgrass, C.**, (2018) *Ganymede's and Callisto's Surface Composition from Near-IR Spectral Modeling of SINFONI/VLT's Observations*, in AAS/Division for Planetary Sciences Meeting Abstracts, 50, 416.03
77. Knight, M. M., Eisner, N. L., **Snodgrass, C.**, et al. (7 authors), (2018) *Investigating the ongoing fragmentation of comet 96P/Machholz 1*, in AAS/Division for Planetary Sciences Meeting Abstracts, 50, 112.02
76. Skottfelt, J., MacKay, C., **Snodgrass, C.**, Dominik, M., Jorgensen, U. G., (2018) *GravityCam: higher resolution visible wide-field imaging*, in Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, 10702, 107025O
75. Evans, C. J., . . . , **Snodgrass, C.**, et al. (11 authors), (2018) *Revisiting the science case for near-UV spectroscopy with the VLT*, in Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, 10702, 107022E
74. Ligier, N., Carter, J., Poulet, F., **Snodgrass, C.**, (2018) *Europa, a Dolphin Paradise? Update on Its Surface Properties from a Recent Near-Infrared Ground-Based Campaign with SINFONI/VLT*, in Lunar and Planetary Science Conference, 49, 2129
73. Ligier, N., Carter, J., Poulet, F., **Snodgrass, C.**, (2018) *New Insights into Surface Properties of Ganymede and Callisto Using Ground-Based Measurements from SINFONI/VLT*, in Lunar and Planetary Science Conference, 49, 2128
72. Kelley, M. S., . . . , **Snodgrass, C.**, et al. (8 authors), (2017) *Cometary Orbital Trends with Spitzer*, in AAS/Division for Planetary Sciences Meeting Abstracts, 49, 414.15
71. Kokotanekova, R., **Snodgrass, C.**, Lacerda, P., Green, S. F., (2017) *Physical properties of Jupiter-family comets and KBOs from ground-based lightcurve observations*, in AAS/Division for Planetary Sciences Meeting Abstracts, 49, 403.03
70. Fitzsimmons, A., Hyland, M., Jedicke, R., **Snodgrass, C.**, Yang, B., (2017) *Minor Planets 2017 SN_33 and 2017 U1*, **Central Bureau Electronic Telegrams**, 4450,

69. Bowles, N. E., **Snodgrass, C.**, Gibbings, A., et al. (7 authors), (2017) *CASTAway: A mission to Map the Evolution of Our Solar System*, in Lunar and Planetary Science Conference, 48, 2074
68. Graps, A. L., . . . , **Snodgrass, C.**, et al. (31 authors), (2016) *ASIME 2016 White Paper: In-Space Utilisation of Asteroids: "Answers to Questions from the Asteroid Miners"*, **ArXiv e-prints**,
67. Kokotanekova, R., **Snodgrass, C.**, Lacerda, P., Green, S. F., (2016) *Rotation Rates and Spin Changes of Jupiter Family Comet Nuclei: New optical lightcurves and an update on the population properties.*, in AAS/Division for Planetary Sciences Meeting Abstracts, 48, #219.04
66. McKay, A., . . . , **Snodgrass, C.**, et al. (13 authors), (2016) *High Resolution Optical Spectroscopy of Rosetta Target 67P/Churyumov-Gerasimenko Using Keck HIRES*, in AAS/Division for Planetary Sciences Meeting Abstracts, 48, #211.01
65. Guilbert-Lepoutre, A., Besse, S., **Snodgrass, C.**, Yang, B., (2016) *Spectral mapping of comet 67P/Churyumov-Gerasimenko with VLT/MUSE and SINFONI*, in AAS/Division for Planetary Sciences Meeting Abstracts, 48, #116.12
64. **Snodgrass, C.**, 67P observing campaign team, (2016) *Ground-based observation of 67P/Churyumov-Gerasimenko*, in AAS/Division for Planetary Sciences Meeting Abstracts, 48, #116.02
63. Davidsson, B., . . . , **Snodgrass, C.**, et al. (29 authors), (2016) *The Rosetta mission: Clues on the origin of comet nuclei*, in AAS/Division for Planetary Sciences Meeting Abstracts, 48, #104.05
62. Rozitis, B., . . . , **Snodgrass, C.**, et al. (7 authors), (2016) *Thermal Emission Light-Curves of Rapidly Rotating Asteroids*, in Lunar and Planetary Science Conference, 47, 1447
61. Fernandez, Y. R., . . . , **Snodgrass, C.**, et al. (8 authors), (2016) *The Distribution of Geometric Albedos of Jupiter-Family Comets From SEPPCoN and Visible-Wavelength Photometry*, in American Astronomical Society Meeting Abstracts, 227, #141.22
60. Dominik, M., . . . , **Snodgrass, C.**, et al. (13 authors), (2015) *GravityCam: ground-based wide-field high-resolution imaging and high-speed photometry*, in AAS/Division for Extreme Solar Systems Abstracts, 3, 10602
59. Knight, M. M., Fitzsimmons, A., Kelley, M. S. P., **Snodgrass, C.**, (2015) *322P/SOHO 1: Sunskirting Comet or Asteroid?*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #506.11
58. Fernandez, Y. R., . . . , **Snodgrass, C.**, et al. (8 authors), (2015) *The Distribution of Geometric Albedos of Jupiter-Family Comets From SEPPCoN and Visible-Wavelength Photometry*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #415.07
57. Marchant, J., Jermak, H., Steele, I., **Snodgrass, C.**, Fitzsimmons, A., Jones, G., (2015) *Comet 67P observations with LOTUS: a new near-UV spectrograph for the Liverpool Telescope*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #413.16
56. Davidsson, B., . . . , **Snodgrass, C.**, et al. (48 authors), (2015) *The primordial nucleus of Comet 67P/Churyumov-Gerasimenko*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #413.15

55. Hines, D. C., . . . , **Snodgrass, C.**, et al. (17 authors), (2015) *Hubble Space Telescope Imaging Polarimetry of Comet 67P/Churyumov-Gerasimenko Obtained During the Rosetta Mission*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #413.13
54. Dias-Oliveira, A., . . . , **Snodgrass, C.**, et al. (46 authors), (2015) *Pluto's atmosphere from stellar occultations in 2012 and 2013*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #200.09
53. Bérard, D., . . . , **Snodgrass, C.**, et al. (19 authors), (2015) *Chariklo's size, shape and orientation from stellar occultations*, in AAS/Division for Planetary Sciences Meeting Abstracts, 47, #104.02
52. A'Hearn, M. F., . . . , **Snodgrass, C.**, et al. (21 authors), (2015) *Rotational Variation of Outgassing Morphology in 67P/Churyumov-Gerasimenko*, **IAU General Assembly**, 22, 57858
51. Fulle, M., . . . , **Snodgrass, C.**, et al. (51 authors), (2015) *Dust Measurements in the Coma of Comet 67P/Churyumov-Gerasimenko Inbound to the Sun Between 3.7 and 3.4 AU*, in Lunar and Planetary Science Conference, 46, 2420
50. A'Hearn, M. F., . . . , **Snodgrass, C.**, et al. (21 authors), (2015) *Imaging the Gas from 67P/Churyumov-Gerasimenko*, in Lunar and Planetary Science Conference, 46, 2347
49. Jones, G. H., . . . , **Snodgrass, C.**, et al. (39 authors), (2015) *Castalia – A Mission to a Main Belt Comet*, **LPI Contributions**, 1829, 6019
48. Lister, T., Knight, M. M., **Snodgrass, C.**, Samarasinha, N. H., (2015) *LCOGT Network observations of spacecraft target comets*, in American Astronomical Society Meeting Abstracts, 225, #137.22
47. Deller, J., **Snodgrass, C.**, Lowry, S. C., Price, M. C., Sierks, H., (2014) *Impact Simulations on the Rubble Pile Asteroid (2867) Steins*, in AAS/Division for Planetary Sciences Meeting Abstracts, 46, #400.08
46. Thomas, N., . . . , **Snodgrass, C.**, et al. (55 authors), (2014) *Comet 67P/Churyumov-Gerasimenko: First science results by Rosetta/OSIRIS*, in AAS/Division for Planetary Sciences Meeting Abstracts, 46, #100.01
45. Ipatov, S. I., . . . , **Snodgrass, C. D. B.**, et al. (10 authors), (2014) *Simulator for Microlens Planet Surveys*, in IAU Symposium, 293, 416-419
44. Street, R. A., . . . , **Snodgrass, C.**, et al. (8 authors), (2014) *Dynamic Follow-up of Transient Events with the LCOGT Robotic Telescope Network*, in The Third Hot-wiring the Transient Universe Workshop, 189-195
43. Knight, M., . . . , **Snodgrass, C.**, et al. (12 authors), (2013) *Comet C/2012 S1 (Ison)*, **Central Bureau Electronic Telegrams**, 3731, 1
42. Lowry, S., . . . , **Snodgrass, C.**, et al. (12 authors), (2013) *Direct Detection of YORP Spin-up on Asteroid (25143) Itokawa and Implications for its Internal Structure*, in AAS/Division for Planetary Sciences Meeting Abstracts, 45, #304.04

41. **Snodgrass, C.**, Castalia mission science Team, (2013) *Castalia: A European Mission to a Main Belt Comet*, in AAS/Division for Planetary Sciences Meeting Abstracts, 45, #211.21
40. Weissman, P. R., . . . , **Snodgrass, C.**, et al. (10 authors), (2013) *Shape and Rotation Modeling and Thermophysical Analysis of Near-Earth Asteroid (1917) Cuyo*, in AAS/Division for Planetary Sciences Meeting Abstracts, 45, #112.15
39. **Snodgrass, C.**, Carry, B., (2013) *Automatic Removal of Fringes from EFOSC Images*, **The Messenger**, 152, 14-16
38. Duddy, S., . . . , **Snodgrass, C.**, et al. (11 authors), (2012) *Optical Spectroscopy of Unbound Asteroid Pairs*, in AAS/Division for Planetary Sciences Meeting Abstracts, 44, #202.07
37. Fernandez, Y. R., . . . , **Snodgrass, C.**, et al. (19 authors), (2012) *Visible-Wavelength Survey of Jupiter-Family Cometary Nuclei as Part of SEPPCoN*, **LPI Contributions**, 1667, 6488
36. Wolters, S. D., . . . , **Snodgrass, C.**, et al. (10 authors), (2012) *Physical Characterisation of Fast-Rotating Near-Earth Asteroids*, **LPI Contributions**, 1667, 6343
35. Rozitis, B., . . . , **Snodgrass, C.**, et al. (9 authors), (2012) *The Influence of Global-Selfheating on the Yarkovsky and YORP Effects*, **LPI Contributions**, 1667, 6239
34. Hainaut, O. R., . . . , **Snodgrass, C.**, et al. (13 authors), (2012) *Main Belt Comets: Status Report of the Monitoring Large Programme at ESO*, **LPI Contributions**, 1667, 6144
33. Street, R. A., . . . , **Snodgrass, C.**, et al. (20 authors), (2012) *A Global Robotic Telescope Network for Time-Domain Science*, in IAU Symposium, 285, 408-410
32. Street, R. A., . . . , **Snodgrass, C.**, et al. (12 authors), (2011) *Exoplanet discovery and characterisation through robotic follow-up of microlensing events: Season 2010 results*, in IAU Symposium, 276, 459-460
31. Weiss, B. P., . . . , **Snodgrass, C.**, et al. (11 authors), (2011) *Evidence for Thermal Metamorphism or Partial Differentiation of Asteroid 21 Lutetia from Rosetta*, in Lunar and Planetary Institute Science Conference Abstracts, 42, 2077
30. **Snodgrass, C.**, (2011) *Rosetta's view of an asteroid collision*, **The Observatory**, 131, 121
29. Hviid, S., . . . , **Snodgrass, C.**, et al. (35 authors), (2010) *Overview of the Rosetta Fly-by of 21-Lutetia as Observed by the OSIRIS Camera System*, in Bulletin of the American Astronomical Society, 42, 1043
28. **Snodgrass, C.**, et al. (19 authors), (2010) *The P/2010 A2 Asteroid Collision Confirmed by Rosetta/OSIRIS Observation*, in AAS/Division for Planetary Sciences Meeting Abstracts, 42, #39.33
27. Pittichova, J., . . . , **Snodgrass, C.**, et al. (20 authors), (2010) *Visible-wavelength Observations of Jupiter-family Comet Nuclei as Part of Seppcon.*, in Bulletin of the American Astronomical Society, 42, 964

26. Tozzi, G.-P., . . . , **Snodgrass, C.**, et al. (7 authors), (2010) *Observations Of Comet C/2007 (lulin) Before And During Its Perihelion*, in Bulletin of the American Astronomical Society, 42, 963
25. Bauer, J. M., . . . , **Snodgrass, C.**, et al. (17 authors), (2010) *A Hundred Comets: The Visual-Wavelength Observations of the Survey of Ensemble Physical Properties of Cometary Nuclei (SEPPCoN)*, in American Astronomical Society Meeting Abstracts, 216, #409.01
24. Weissman, P. R., **Snodgrass, C.**, Fitzsimmons, A., Lowry, S. C., (2009) *The Size Distribution of Jupiter-Family Comet Nuclei*, in AAS/Division for Planetary Sciences Meeting Abstracts, 41, #23.13
23. Fernandez, Y. R., . . . , **Snodgrass, C.**, et al. (10 authors), (2009) *Spitzer Space Telescope Observations of the Nucleus and Trail of Comet 103P/Hartley 2*, in AAS/Division for Planetary Sciences Meeting Abstracts, 41, #20.08
22. Meech, K. J., . . . , **Snodgrass, C.**, et al. (12 authors), (2009) *Characterization of the Nucleus of 103P/Hartley 2 for the EPOXI Mission*, in AAS/Division for Planetary Sciences Meeting Abstracts, 41, #20.07
21. **Snodgrass, C.**, Saviane, I., Monaco, L., Sinclair, P., (2008) *EFOSC2 Episode IV: A New Hope*, **The Messenger**, 132, 18-19
20. Dominik, M., . . . , **Snodgrass, C.**, et al. (15 authors), (2008) *ARTEMiS (Automated Robotic Terrestrial Exoplanet Microlensing Search) Hunting for planets of Earth mass and below*, in IAU Symposium, 249, 35-41
19. Fernandez, Y., . . . , **Snodgrass, C.**, et al. (17 authors), (2008) *Results From SEPPCoN, a Survey to Study the Physical Properties of the Nuclei and Dust of Jupiter-Family Comets*, **AGU Spring Meeting Abstracts**, A8
18. **Snodgrass, C.**, et al. (7 authors), (2008) *The WEB-plop observation prioritisation system*, in Manchester Microlensing Conference,
17. **Snodgrass, C.**, Fitzsimmons, A., Jehin, E., Manfroid, J., Hutsemékers, D., (2008) *Optical Observations of Comet McNaught from La Silla*, **LPI Contributions**, 1405, 8328
16. Fernández, Y. R., . . . , **Snodgrass, C.**, et al. (17 authors), (2008) *Results from SEPPCoN, A Survey of Ensemble Physical Properties of Cometary Nuclei*, **LPI Contributions**, 1405, 8307
15. **Snodgrass, C.**, Fitzsimmons, A., Boehnhardt, H., Lister, T., (2008) *The October 2007 Outburst of 17P/Holmes*, **LPI Contributions**, 1405, 8278
14. Kelley, M. S., . . . , **Snodgrass, C.**, et al. (17 authors), (2008) *Comet Dust and Activity in the SEPPCoN Survey*, **LPI Contributions**, 1405, 8272
13. Boattini, A., **Snodgrass, C.**, Guido, E., Sostero, G., (2007) *Comet C/2007 W1 (Boattini)*, **IAU Circ.**, 8899, 1
12. Fitzsimmons, A., **Snodgrass, C.**, Southworth, J., (2007) *Comet 17P/Holmes*, **IAU Circ.**, 8887, 3

11. Hsieh, H. H., Jewitt, D., Lowry, S. C., **Snodgrass, C.**, (2007) *The Return of Activity in Comet 133P/Elst-Pizarro*, in Bulletin of the American Astronomical Society, 38, 534
10. **Snodgrass, C.**, Fitzsimmons, A., Lowry, S. C., (2007) *Photometry of Jupiter Family Comet Nuclei*, in Bulletin of the American Astronomical Society, 38, 497
9. **Snodgrass, C.**, et al. (12 authors), (2007) *Comet 17P/Holmes*, **Central Bureau Electronic Telegrams**, 1111, 1
8. Beaulieu, J.-P., . . . , **Snodgrass, C.**, et al. (42 authors), (2007) *Hunting for Frozen Super-Earths via Microlensing*, **The Messenger**, 128, 33
7. Jehin, E., Manfroid, J., **Snodgrass, C.**, et al. (7 authors), (2007) *Comet C/2006 P1 (McNaught)*, **Central Bureau Electronic Telegrams**, 832, 2
6. **Snodgrass, C.**, et al. (8 authors), (2007) *Comet C/2006 P1 (McNaught)*, **Central Bureau Electronic Telegrams**, 832, 1
5. McNaught, R. H., Fitzsimmons, A., Lowry, S. C., **Snodgrass, C.**, (2006) *Comet C/2006 HW₅₁ (Siding Spring)*, **IAU Circ.**, 8718, 1
4. Fitzsimmons, A., **Snodgrass, C.**, Lowry, S., Maui Deep Impact Workshop Participants Collaboration, (2005) *Optical and near-IR imaging of 9/P Tempel 1*, in Bulletin of the American Astronomical Society, 37, 1569
3. **Snodgrass, C.**, Lowry, S. C., Fitzsimmons, A., Larson, S., Skiff, B. A., (2005) *Comet P/2005 JQ₅ (Catalina)*, **IAU Circ.**, 8531, 1
2. Tubbiolo, A. F., Fitzsimmons, A., Lowry, S., **Snodgrass, C.**, Tichy, M., Ticha, J., (2005) *Comet C/2005 E1 (Tubbiolo)*, **IAU Circ.**, 8491, 3
1. Fitzsimmons, A., **Snodgrass, C.**, Hainaut, O., (2004) *Comet P/2003 SQ₂₁₅ (NEAT-Loneos)*, **IAU Circ.**, 8274, 1