

**List of publications of co-authored by
Giampiero Naletto**

January 14, 2011

2011

1. L. Zampieri, C. Germanà, C. Barbieri, G. Naletto, A. Cadež, I. Capraro, A. Di Paola, C. Facchinetti, T. Occhipinti, D. Ponikvar, E. Verroi, P. Zoccarato, “The Crab pulsar seen from Asiago – Cima Ekar observatory”, *Adv. Space Res.* **47**, pp. 365-369 (2011).
2. S. Gradari, M. Barbieri, P. Zoccarato, C. Barbieri, G. Naletto, T. Occhipinti, E. Verroi, A. Possenti, L. Zampieri, “The optical light curve of the LMC pulsar B0540-69 in 2009”, *MNRAS*. **In press** (2011).
3. E. Simioni, G. Naletto, G. Forlani, G. Cremonese, M. Massironi, E. Segato, “A new stereo algorithm based on snakes”, *Photogrammetric Engineering & Remote Sensing*. **In press** (2011).
4. L. Bertoldi, M. Massironi, D. Visonà, R. Carosi, C. Montomoli, F. Gubert, G. Naletto, M.-G. Pelizzo, “Mapping the Buraburi granite in the Himalaya of Western Nepal: Remote sensing analysis in a collisional belt with vegetation cover and extreme variation of topography”, *Remote Sensing of Environment*. **In press** (2011).
5. A. Tomaello, C. Bonato, V. Da Deppo, G. Naletto, P. Villoresi, “Link budget and background noise for satellite quantum key distribution”. **In press** on *Adv. Space Res.* (2011).
6. G. Cremonese, M.T. Capria, V. da Deppo, G. Forlani, O. Forni, L. Giacomini, E. Martellato, M. Massironi, G. Naletto, M. Sgavetti, E. Simioni, S. Debei, E. Flamini, “Expected performance of the stereo camera on board the BepiColombo mission” **to be published on** the 38th COSPAR Scientific Assembly Proceedings (Bremen, Germany, 18-25 July 2010).
7. P. Zoccarato, C. Barbieri, T. Occhipinti, A. Cadež, D. Ponikvar, G. Naletto, I. Capraro, C. Cantelmo, “The importance of accurate timing of astronomical photons”, presented at the Second International Colloquium on Scientific and fundamental aspects of the Galileo Programme, COSPAR Colloquium (14-16 October 2009). **Submitted for publication** on *Adv. Space Res.* (2010)
8. E. Segato, V. Da Deppo, S. Debei, G. Naletto, G. Cremonese, E. Flamini, “A method for studying the effects of thermal deformations on optical systems for space application”, **submitted to** *Applied Optics* (2010).
9. C. Barbieri G. Naletto, et al., “Results of Iqueye, a single photon counting very high speed photometer at the ESO 3.5m NTT in 2009”, **to be published on** *HTRA Conf. Proc.* (2010)

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10. H. U. Keller, C. Barbieri, D. Koschny, P. Lamy, H. Rickman, R. Rodrigo, H. Sierks, M. F. A'Hearn, F. Angrilli, M. A. Barucci, J.-L. Bertaux, G. Cremonese, V. Da Deppo, B. Davidsson, M. De Cecco, S. Debei, S. Fornasier, M. Fulle, O. Groussin, P. J. Gutierrez, S. F. Hviid, W.-H. Ip, L. Jorda, J. Knollenberg, J. R. Kramm, E. Kührt, M. Küppers, L.-M. Lara, M. Lazzarin, J. Lopez Moreno, F. Marzari, H. Michalik, G. Naletto, L. Sabau, N. Thomas, K.-P. Wenzel, I. Bertini, S. Besse, F. Ferri, M. Kaasalinen, S. Lowry, S. Marchi, S. Mottola, W. Sabolo, S. Schröder, S. Spjuth, P. Vernazza, “Rosetta Deciphers Stony Asteroid (2867) Steins”, *Science* **327**, pp.190-193 (2010).
11. E. Flamini, F. Capaccioni, L. Colangeli, G. Cremonese, A. Doressoundiram, J.L. Josset, Y. Langevin, S. Debei, M.T. Capria, M.C. De Sanctis, L. Marinangeli, M. Massironi, E. Mazzotta Epifani, G. Naletto, P. Palumbo, P. Eng, J.F. Roig, A. Caporali, V. Da Deppo, S. Erard, C. Federico, O. Forni, M. Sgavetti, G. Filacchione, L. Giacomini, G. Marra, E. Martellato, M. Zusi, M. Cusi, C. Bettanini, L. Calamai, M. Zaccariotto, L. Tommasi, M. Dami, J. Ficaï Veltroni, F. Poulet, Y. Hello and the SIMBIO-SYS Team, “SIMBIO-SYS: the Spectrometer and

- Imagers integrated Observatory SYStem for the BepiColombo Planetary Orbiter”, *Planetary and Space Science* **58**, pp. 125-143 (2010).
12. E. Chassefière, J.-L. Maria, J.-P. Goutail, E. Quémerais, F. Leblanc, S. Okano, I. Yoshikawa, O. Korablev, V. Gnedykh, G. Naletto, P. Nicolosi, M.-G. Pelizzo, J.-J. Correia, S. Gallet, C. Hourtoule, P.-O. Mine, C. Montaron, N. Rouanet, J.-B. Rigal, G. Muramaki, K. Yoshioka, O. Kozlov, V. Kottsov, P. Moisseev, N. Semena, J.-L. Bertaux, M.-Th. Capria, J. Clarke, G. Cremonese, D. Delcourt, A. Doressoundiram, S. Erard, R. Gladstone, M. Grande, D. Hunten, W. Ip, V. Izmodenov, A. Jambon, R. Johnson, E. Kallio, R. Killen, R. Lallement, J. Luhmann, M. Mendillo, A. Milillo, H. Palme, A. Potter, S. Sasaki, D. Slater, A. Sprague, A. Stern, N. Yan, “PHEBUS : A double ultraviolet spectrometer to observe Mercury’s exosphere”, *Planetary and Space Science* **58**, pp. 201-223 (2010).
 13. V. Da Deppo, G. Naletto, G. Cremonese, L. Calamai, “Optical design of the single-detector planetary stereo camera for the BepiColombo European Space Agency mission to Mercury”, *Appl. Opt.* **49**, pp. 2910-2919 (2010).
 14. C. Bonato, A. Tomaello, V. Da Deppo, G. Naletto, P. Villoresi, “Feasibility Analysis for Quantum Key Distribution between a LEO Satellite and Earth”, in *Quantum Communication and Quantum Networking*, Proceeding of the International Conference QuantumComm 2009 (Revised Selected Papers). Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering **36**, pp. 96-99 (2010).
 15. C. Barbieri, G. Naletto, I. Capraro, T. Occhipinti, E. Verroi, P. Zoccarato, S. Gradari, M. Barbieri, C. Germanà, L. Zampieri, E. Giro, V. Da Deppo, A. Di Paola, C. Facchinetti, P. Bolli, C. Pernechele, S. Billotta, G. Bonanno, M. Belluso, F. Messina, M. Zaccariotto, “Iqueye, a single photon counting very high speed photometer for the ESO 3.5m NTT”, *invited paper in Advanced Photon Counting Techniques IV*, SPIE Proc. **7681**, 7681-10 (2010).
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 18. V. Da Deppo, G. Cremonese, G. Naletto, “The Narrow Angle Camera of the MPCs suite for the MarcoPolo ESA mission: requirements and optical design solutions” in *Space Telescopes and Instrumentation 2010: Optical, Infrared, and Millimeter Wave*, SPIE Proc. **7731**, 7331-19 (8 pp) (2010).
 19. G. Naletto, C. Barbieri, E. Verroi, I. Capraro, C. Facchinetti, S. Gradari, T. Occhipinti, P. Zoccarato, V. Da Deppo, “Upgrade of Iqueye, a novel photon-counting photometer for the ESO New Technology Telescope”, in *Ground-based and Airborne Instrumentation for Astronomy III*, SPIE Proc. **7735**, 7735-45 (12 pp) (2010).
 20. V. Da Deppo, G. Naletto, G. Cremonese, L. Calamai, S. Debei, E. Flamini, “Optical design performance of the Stereo Channel of the imaging system SIMBIOSYS for the BepiColombo ESA mission”, International Conference on Space Optics ICSO 2010 (2010). Available on line at: http://congrex.nl/ICSO/Papers/TPosters/FCXNL-10A02-1981911-1-DaDeppo_ICSO_1981911.pdf
 21. G. Naletto, E. Antonucci, V. Andretta, E. Battistelli, S. Cesare, V. Da Deppo, F. d’Angelo, S. Fineschi, M. Focardi, P. Lamy, F. Landini, G. Nicolini, P. Nicolosi, M. Pancrazzi, M-G.

Pelizzo, L. Poletto, M. Romoli, S. Solanki, D. Spadaro, L. Teriaca, M. Uslenghi, L. Zangrilli, “METIS, the Multi Element Telescope for Imaging and Spectroscopy for the Solar Orbiter mission”, International Conference on Space Optics ICSO 2010 (2010). Available on line at: http://congreg.nl/ICSO/Papers/Session%204b/FCXNL-10A02-1984829-1-NALETTO_ICSO_PAPER.pdf

22. G. Cremonese, V. Da Deppo, G. Naletto, E. Martellato, S. Debei, C. Barbieri, C. Bettanini, M.T. Capria, M. Massironi, M. Zaccariotto, “Observing Mercury: from Galileo to the stereo camera on the BepiColombo mission”, Proceedings IAU Symposium **269**, pp. 213-218 (2010).

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23. I. Capraro, G. Naletto, C. Barbieri, T. Occhipinti, E. Verroi, P. Zoccarato, A. Di Paola, “A first attempt to intensity interferometry with Iqueye”, in Proceedings of the *Quantum of Quasars Workshop*, Proc. of Science, SISSA (2009). Published online at: http://pos.sissa.it/archive/conferences/101/012/QQ09_012.pdf
24. C. Barbieri, G. Naletto, E. Verroi, C. Facchinetti, T. Occhipinti, A. Di Paola, E. Giro, P. Zoccarato, G. Anzolin, M. D'Onofrio, F. Tamburini, G. Bonanno, S. Billotta, C. Pernechele, P. Bolli, V. Da Deppo, S. Fornasier, “First Results of AquEye, a Precursor ‘Quantum’ Instrument for the E-ELT”, in *Science with the VLT in the ELT Era*, Astrophysics and Space Science Proceedings, pp. 249-253 (2009).
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27. A. Richichi, C. Barbieri, O. Fors, E. Mason, G. Naletto, “The beauty of speed”, *ESO Messenger* **135**, pp. 32-35 (2009).
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31. C. Barbieri, G. Naletto, I. Capraro, T. Occhipinti, E. Verroi, P. Zoccarato, C. Facchinetti, C. Germanà, M. Parrozzani, M. Zaccariotto, G. Anzolin, F. Tamburini, A. Di Paola, E. Giro, G. Bonanno, S. Billotta, C. Pernechele, P. Bolli, L. Zampieri, A. Possenti, A. Cadež, “Very fast photon counting photometers for astronomical applications: IqueYE for the ESO 3.5m New Technology Telescope”, *invited paper* in *Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II*, SPIE Proc. **7355**, 73550R (14 pp) (2009).

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