

Publications of Faculty Associated with CESSI

(1st April, 2015 onward)

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3. “Astrophysical Implications of the Binary Black Hole Merger GW150914”, 2016, *ApJ Letters*, 818, L22
4. “Searches for Continuous Gravitational Waves from Nine Young Supernova Remnants”, R Nayak with LIGO Scientific collaboration, 2015, *ApJ*, 813, 39, 16 pp
5. “Characterization of the LIGO detectors during their sixth science run” R Nayak with LIGO Scientific collaboration, 2015, *Classical and Quantum Gravity*, 32, 115012
6. “Advanced LIGO”, R Nayak, with LIGO Scientific collaboration, 2015, *Classical and Quantum Gravity*, 32, 074001.
7. CME Propagation: Where does Aerodynamic Drag "Take Over"? Sachdeva, Nishtha; Subramanian, Prasad; Colaninno, Robin; Vourlidas, Angelos 2015, *Astrophysical Journal*, vol 809, p. 158
8. How are Forbush decreases related with interplanetary magnetic field enhancements? Arunbabu, K. P., Antia, H. M., Dugad, S. R., Gupta, S. K., Hayashi, Y., Kawakami, S., Mohanty, P. K., Oshima, A., and Subramanian, P. 2015, *Astronomy and Astrophysics*, vol 580, p A41
9. The structure of solar radio noise storms Mercier, C., Subramanian, P., Chambe, G. and Janardhan, P. 2015, *Astronomy and Astrophysics*, vol 576, p A136
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12. “Characterization of an Acousto-Optic Tunable Filter for Development of a Near-IR Spectrometer for Planetary Science”, Prince Agrawal, A. Nandi, M. Sudhakar, B. Jaiswal, Anurag Tyagi, and K. Sankarasubramanian, 2015, *Experimental Astronomy*, 39, 445.

13. 'P-mode Interaction with Sunspots'; Cally, P.S., Moradi, H., Rajaguru, S.P. 2016 (to appear), AGU Chapman Reviews.
14. "Modeling Approaches in Helioseismology" in Book 'Extraterrestrial Seismology', Cambridge University Press, Rajaguru, S.P., Chapter 9; August 2015, isbn: 9781107041721, eds. Vincent C.H. Tong and Rafael A. Garcia.
15. Kinematics of interacting CMEs of 25 and 28 September 2012, 2015, Journal of Geophysical Research: Space Physics, Wageesh Mishra, Nandita Srivastava, and Talwinder Singh, Volume 120, Issue 12, pp. 10,221-10,236
16. Heliospheric tracking of enhanced density structures of 2010 October 6 CME, 2015, Journal of Space Weather and Space Climate, Wageesh Mishra and Nandita Srivastava, Volume 5, id.A20, 12 pp.
17. Observations of Oppositely Directed Umbral Wavefronts Rotating in Sunspots Obtained from the New Solar Telescope of BBSO, Su, J. T.; Ji, K. F.; Cao, W.; Banerjee, D.; Priya, T. G.; Zhao, J. S.; Bai, X. Y.; Chen, J.; Zhang, M.; Ji, H. S., 2016, ApJ, 817, 117.
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(Before 1st April, 2015)

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3. “The Solar-Stellar Connection” (Invited Review), Brun, A. S., García, R. A., Houdek, G., Nandy, D. & Pinsonneault, M. 2015, Space Science Reviews, Volume 196, Page 303 (doi: 10.1007/s11214-014-0117-8)
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22. “Low-frequency Waves in Space Plasmas.”, Banerjee, D., Krishna Prasad, S. Wiley/AGU monograph entitled , 2015, arXiv150504475B, MHD Waves in the coronal holes.
23. “Flows and Waves in Braided Solar Coronal Magnetic Structures”, Pant, V., Datta, A., Banerjee, D., 2015, ApJ., 801, 2.
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