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(2015-08-12 ~ 2017-04-09)

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Specialty:Magnetospheric physics, Space plasma waves,  
Wave- particle interactions

**[Education]**

- 2007.11-2013.8 Ph.D, Indian Institute of Geomagnetism (University of Mumbai), Navi Mumbai, India.
- 2005.6-2007.5 M.Sc., PSG College of Arts and Science (Bharathiar University), Coimbatore, India.
- 2002.6-2005.5 B.Sc., Govt. Victoria College (Calicut University), Palakkad, Kerala, India.

**[Experience]**

- 2013.8-2014.10 Research Associate, Indian Institute of Geomagnetism, Navi Mumbai, India.
- 2014.10-2015.08 Nanabhoy Moos Postdoctoral Fellow, Indian Institute of Geomagnetism, Navi Mumbai, India.

**[Publications]**

**A. Journals**

1. Remya, B., B. T. Tsurutani, R. V. Reddy, G. S. Lakhina, and R. Hajra (2015), Electromagnetic cyclotron waves in the dayside subsolar outer magnetosphere generated by enhanced solar wind pressure: EMIC wave coherency, *J. Geophys. Res. Space Physics*, 120, doi:10.1002/2015JA021327.
2. Remya, B., B. T. Tsurutani, R. V. Reddy, G. S. Lakhina, B. J. Falkowski, E. Echer, and K.-H. Glassmeier (2014), Large-amplitude, circularly polarized, compressive, obliquely propagating electromagnetic proton cyclotron waves throughout the Earth's magnetosheath: Low plasma beta conditions, *Astrophys. J.*, 793, 6, doi:10.1088/0004-637X/793/1/6.
3. Remya, B., . V. Reddy, B. T. Tsurutani, G. S. Lakhina, and E. Echer (2013), Ion temperature anisotropy instabilities in planetary magnetosheaths, *J. Geophys. Res. Space Physics*, 118, 785-793, doi:10.1002/jgra.50091.

**B.Conference Papers**

1. Remya, B., . T. Tsurutani, R. V. Reddy, G. S. Lakhina, and R. Hajra (2015), Cyclotron waves and pitch angle scattering in the magnetosphere, 12th International School/Symposium for Space Simulations (ISSS-12), Prague.
2. Remya, B., B. T. Tsurutani, R. V. Reddy, G. S. Lakhina, B. J. Falkowski, E. Echer, and K.-H. Glassmeier (2014), Large -amplitude Electromagnetic Proton Cyclotron Waves Throughout the Earth