

Publications from team 185 with acknowledgment to ISSI

* *The team members are given in bold*

1. **S. Perri**, **V. Carbone**, A. Vecchio, **R. Bruno**, H. Korth, T. H. Zurbuchen, and **L. Sorriso-Valvo**, "Phase-synchronization, energy cascade and intermittency in the solar wind turbulence", *submitted to PRL*, (2012).
2. **S. Perri**, M. L. Goldstein, J. C. Dorelli and **F. Sahraoui**, Detection of small scale structures in the dissipation regime of solar wind turbulence, *accepted in PRL*, (2012).
3. **K. T. Osman**, W. H. Matthaeus, B. Hnat, and **S. C. Chapman**, Kinetic Signatures and Intermittent Turbulence in the Solar Wind Plasma, *PRL*, vol. 108, 26, 261103, (2012).
4. **K. T. Osman**, W. H. Matthaeus, M. Wan, and A. F. Rappazzo, Intermittency and Local Heating in the Solar Wind, *PRL*, 108, 26, 261102,(2012).
5. **T. Passot**, P. L. Sulem, and **P. Hunana**, Extending magnetohydrodynamics to the slow dynamics of collisionless plasmas, *Phys. Plasmas* 19, 082113 (2012); doi: 10.1063/1.4746092
6. **K. H. Kiyani**, **S. C. Chapman**, **F. Sahraoui**, B. Hnat, O. Fauvarque and Yu. V. Khotyaintsev, Enhanced magnetic compressibility and isotropic scale-invariance at sub-ion larmor scales in solar wind turbulence, *submitted to ApJ*, (2012).
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10. **Vörös, Z.**, A. Runov and A. Kendl, Occurrence of Magnetic Reconnection in the Deep Magnetotail: ARTEMIS Results, M.P. Leubner and Z. Vörös Eds., Astrophys. Space Sci. Proc. (2012).
11. **Materassi, M., G. Consolini** and E. Tassi, “Sub-Fluid Models in Dissipative Magneto-Hydrodynamics”, in “Magnetohydrodynamics”, ISBN 979-953-307-381-0, InTech Publications, Reijka (2012).
12. **Vörös, Z.:** Magnetic reconnection associated fluctuations in the deep magnetotail: ARTEMIS results, Nonlin. Processes Geophys., 18, 861-869, doi:10.5194/npg-18-861-2011, (2011).
13. **M. Materassi** and E. Tassi, Metriplectic Framework for Dissipative Magneto-Hydrodynamics, Physica D, 241, 6, pp. 729-734, (2012).
14. **M. Materassi** and E. Tassi. Algebrizing friction: a brief look at the Metriplectic Formalism, (2011).
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