

Alexandros Chasapis

Research

- 2019 – **Research Scientist**
Laboratory of Atmospheric and Space Physics,
University of Colorado - Boulder, USA
- 2016 – 2019 **Postdoctoral Researcher**
Supervisor: William H. Matthaeus
Department of Physics and Astronomy, University of Delaware, USA

Education

- 2012 – 2015 **PhD, Physics**
Study of magnetic reconnection in turbulent plasma using satellite data
Supervisors: Alessandro Retinò, Fouad Sahraoui, Patrick Canu
Laboratoire de Physique des Plasmas
Doctoral School of Astronomy & Astrophysics, Observatoire de Paris
Univiversité Paris IX, France
- 2011 – 2012 **Master's Degree, Astronomy & Astrophysics**
Observatoire de Paris - Univiversité Pierre & Marie Curie, France
- 2005 – 2011 **Bachelor's Degree, Physics**
Department of Physics, Aristotle University of Thessaloniki, Greece

Selected Publications

- 2020 *Scaling and Anisotropy of Solar Wind Turbulence at Kinetic Scales during MMS Turbulence Campaign*
Chasapis, A., Matthaeus, W. H., Bandyopadhyay, R., et al, The Astrophysical Journal 903 (2), 127 (2020).
- 2018 *Energy Conversion and Collisionless Plasma Dissipation Channels in the Turbulent Magnetosheath Observed by the Magnetospheric Multiscale Mission*
Chasapis, A., Yang, Y., Matthaeus, W. H., et al., The Astrophysical Journal, 862, 32, (2018).
- 2018 *Solar Wind Turbulence Studies Using MMS Fast Plasma Investigation Data*
Bandyopadhyay, R., Chasapis, A., Chhiber, R., et al., The Astrophysical Journal, 866, 81, (2018).
- 2018 *In Situ Observation of Intermittent Dissipation at Kinetic Scales in the Earth's Magnetosheath*
Chasapis, A., Matthaeus, W. H., Parashar, T. N., et al., The Astrophysical Journal Letters, 856, L19, (2018).
- 2017 *Magnetospheric Multiscale Observation of Plasma Velocity-Space Cascade: Hermite Representation and Theory*
Servidio S., Chasapis, A., Matthaeus, Physical Review Letters 119 (20), 205101 (2017).
- 2017 *High-resolution Statistics of Solar Wind Turbulence at Kinetic Scales Using the Magnetospheric Multiscale Mission*
Chasapis, A., Matthaeus, W. H., Parashar, T. N., et al., The Astrophysical Journal Letters, 844, L9, (2017).
- 2015 *Thin Current Sheets and Associated Electron Heating in Turbulent Space Plasma*
Chasapis, A., Retinò, A., Sahraoui, F., et al. The Astrophysical Journal Letters, 804, L1, (2015).