DESCRIPTION

Electric currents are fundamental to the structure and dynamics of space plasmas, including our own near-Earth space environment, or “geospace.” This volume takes an integrated approach to the subject of electric currents by incorporating their phenomenology and physics for many regions in one volume. It covers a broad range of topics from the pioneers of electric currents in outer space, to measurement and analysis techniques, and the many types of electric currents.

- First volume on electric currents in space in over a decade that provides authoritative up-to-date insight on the current status of research
- Reviews recent advances in observations, simulation, and theory of electric currents
- Provides comparative overviews of electric currents in the space environments of different astronomical bodies

Electric Currents in Geospace and Beyond serves as an excellent reference volume for a broad community of space scientists, astronomers, and astrophysicists who are studying space plasmas in the solar system.

Read an interview with the editors to find out more:
https://eos.org/editors-vox/electric-currents-in-outer-space-run-the-show