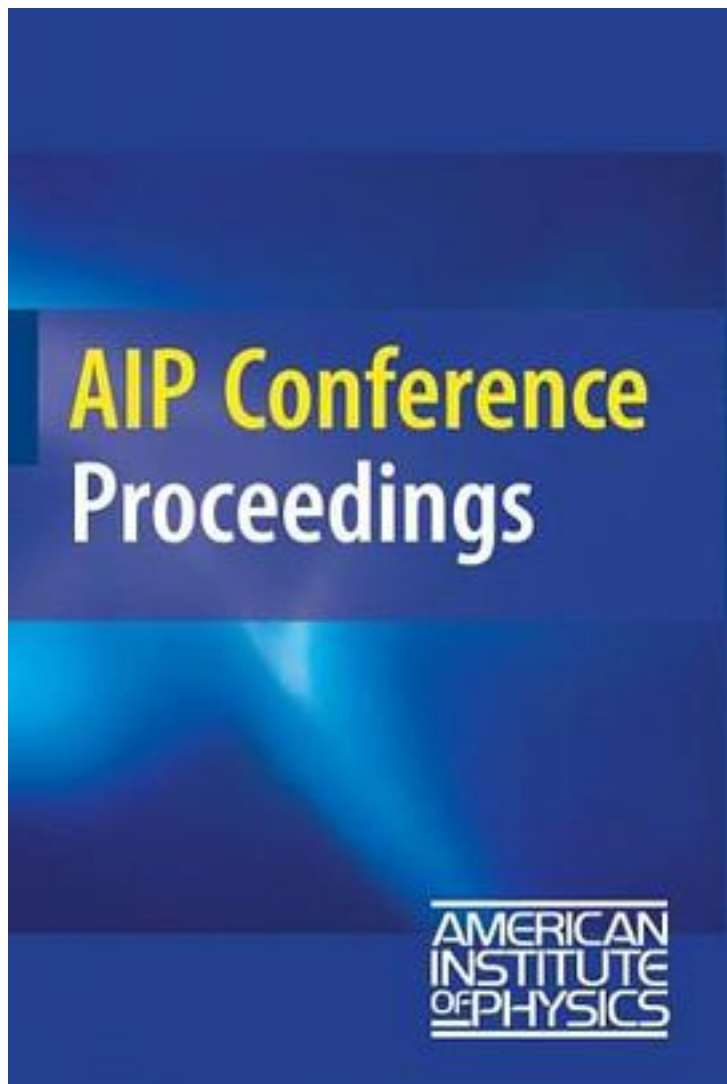


Particle Acceleration and Transport in the Heliosphere and Beyond



[Particle Acceleration and Transport in the Heliosphere and Beyond_ 下载链接1](#)

著者:Li, Gang (EDT)/ Lin, Robert P. (EDT)/ Luhmann, Janet G. (EDT)

出版者:

出版时间:2008-10

装帧:

isbn:9780735405660

All papers have been peer-reviewed. Our star is a very effective particle accelerator. Energies up to GeVs have been observed in Solar energetic particle events. These events are often associated with solar flares and/or Coronal Mass Ejections. Understanding how particles are accelerated in these phenomena has been an outstanding problem in space plasma physics for a long time. Part of the reason is its practical (e.g. Space weather) and fundamental (cosmic ray origin) importance. In this conference we review recent progresses on this problem, with a balance between observations, theories and numerical simulations. Specific topics include: particle acceleration at flare site; turbulence properties of the solar wind; particle acceleration and transport in the inner heliosphere; particle acceleration at the termination shock and heliosheath; and, particle acceleration at supernova remnant shocks.

作者介绍:

目录:

[Particle Acceleration and Transport in the Heliosphere and Beyond_ 下载链接1](#)

标签

评论

[Particle Acceleration and Transport in the Heliosphere and Beyond_ 下载链接1](#)

书评

[Particle Acceleration and Transport in the Heliosphere and Beyond_ 下载链接1](#)