Japan Geoscience Union Meeting 2012 (May 20-25 2012 at Makuhari, Chiba, Japan)

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PEM27-09

Room:106



Time:May 21 11:15-11:30

Particle diffusion process around collisionless shocks

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We have studied the transport properties of energetic particles around parallel shocks considering the possibility of anomalous diffusion where the density decay pro?le has not an exponential pro?le but a power-law behavior.

Keywords: shock wave, particle diffusion