

ISSI Team 347

Particle Acceleration in Solar Flares and Terrestrial Substorm

2nd meeting in Bern
2016 Nov. 14-17

AGENDA

Monday 10 AM~

Electron energization in the high corona during the pre-impulsive phase of a solar flare (Battaglia)
Ion and electron distributions in the reconnection region with possible relation to solar flares. (Birn)

Power-laws in solar flares, terrestrial substorms and solar wind (Oka)
Electron acceleration in magnetosheath current sheets (Eriksson)
Occulted flares (Effenberger WebEx at 4pm)

Reception at 5 pm

Tuesday 9 AM~

Introduction to aurora (Hatch)
Scaling and effect of magnetic convergence in flares and substorms (Imada)
Recent results from NuSTAR (Kuhar)

Open Discussion

Editorial discussion on a review paper (1)

Basic meanings, properties, and effects of Kappa distributions (Livadiotis WebEx at 4pm)

Dinner: Altes Tramdepot at 7 pm

Wednesday 9 AM~

Power-laws in auroral region (Hatch)
Observation of Plasma Sheet (Birn)
Editorial discussion on a review paper (2)

Dinner: Ratskeller at 7 pm