

SolFER Spring 2021 Meeting



Monday, 24 May 2021 - Wednesday, 26 May 2021

Virtual

Scientific Programme

Fast Release Mechanisms

This group will focus on what mechanisms facilitate the fast release of magnetic energy that takes place in impulsive flares?

Onset of flare energy release

This group will focus on the main science question of what controls the onset of flare energy release?

Electron Energization

This group will focus on the question of why and how do flares transfer a large fraction of released magnetic energy into energetic electrons?

Ion acceleration during impulsive flares

This group will focus on the science question: what mechanism drives energization of ions and the measured abundance enhancements of some species during impulsive flares?

Particle Transport

This group will focus on addressing what mechanisms control the energetic particle transport in flares?

Flare and Nanoflare heating

This group will focus on addressing the role of small-scale reconnection events (nanoflares) in coronal heating.