



# Cosmic rays & their interstellar medium environment CRISM-2014

## mercredi 25 juin 2014

### Plasma instabilities and cosmic rays (14:00 - 15:45)

-Présidents de session: Andrei Bykov

time	[id] title	presenter
14:00	[23] Cosmic Ray driven instabilities	Prof. ZWEIBEL, Ellen
14:45	[82] The role of cosmic rays on magnetic field diffusion and the formation of protostellar discs	Dr PADOVANI, Marco
15:15	[33] Cosmic ray driven winds	Prof. VÖLK, Heinrich

### Plasma instabilities and cosmic rays (16:15 - 17:45)

-Présidents de session: Alexandre Marcowith

time	[id] title	presenter
16:15	[24] Relativistic cosmic-ray back-reaction instabilities along the background magnetic field	Dr NEKRASOV, Anatoly
16:45	[83] Magnetic field structure from cosmic ray driven dynamo in spiral galaxies	M. WOLTANSKI, Dominik
17:15	[104] X-shape magnetic fields in galactic halos	Dr FERRIÈRE, Katia