CESRA 2016 WG 1: Particle acceleration and transport
(Miroslav Barta, Nicole Vilmer)

Monday, June 13:

Moderator (Nicole Vilmer)

New enhancements of the GX simulator for studying solar flares and active regions
Gelu Nita

Microwave polarization as a detection tool for magnetic twist in solar flares
Mykola Gordovskyy, Philippa Browning, Eduard Kontar, Rui Pinto, Nicole Vilmer

Joint radio, EUV and X-ray analysis of the 2013 November 5 cold flare
Galina Motorina, Eduard Kontar, Gregory Fleishman

Search and statistical analysis of "cold" solar flares using X-ray and microwave data
Alexandra Lysenko, Alexander Altyntsev, Valentin Pal'shin, Natalia Meshalkina, Dmitriy Zhdanov, Gregory Fleishman

Diagnostics of the acceleration modulation process based on quasi-periodic variations of flare emissions
Elena Kupriyanova, Hamish Reid, Larisa Kashapova, Irina Myagkova
(poster)

Interaction of three parallel propagating Alfven waves
Khalil Daiffallah, Fabrice Mottez **(poster)**

Open discussion: microwave diagnostics of electron acceleration and transport

Tuesday, June 14:

Moderator(Miroslav Barta)

CME-related particle acceleration regions during a simple eruptive event near solar minimum
Carolina Salas Matamoros, Karl-Ludwig Klein, Alexis Rouillard

Intensity distribution and onset delays of nearly relativistic electron events
Andreas Klassen, Nina Dresing, Raul Gomez-Herrero, Bernd Heber, Reinhold Mueller-Mellin

Non-thermal electrons in solar flares: Hot-Corona Cold Chromosphere Model
Eduard Kontar, Natasha Jeffrey, A. Gordon Emslie, Nic Bian

Energetic electrons in the solar atmosphere as diagnosed from their radio and hard X-ray signatures
Nicole Vilmer, Hamish Reid

Different scaling for the coronal and chromospheric flare fluence
Matthieu Kretzschmar **(poster)**

Solar research with ALMA: ARC as your supporting infrastructure
Miroslav Barta (poster)

Open discussion: Electrons at the sun and in the interplanetary medium