

CESRA 2016 WG 3: Fine structures and radio wave propagation
(Alexander Warmuth, Hamish Reid)

Monday, June 13:

The Propagation of Jet Related Type III Radio Bursts in the Solar Corona

Diana Morosan

On a solar type III radio burst observed with LOFAR

Gottfried Mann, Richard Fallows, Frank Breitling, Christian Vocks, Mario Bisi, Peter Gallagher, Alain Kerdraon, Jasmina Magdalenic, Alec MacKinnon, Helmut Rucker, Alexandr Konovalenko, Christophe Marque, Eduard Kontar, Bartosz Dabrowski, Andrzej Krankowski, Hamish Reid, Bo Thide

Solar flare accelerated electrons from high and low radio frequencies

Hamish Reid, Larisa Kashapova

Thermal plasma diagnostics and the origin of sub-THz solar bursts

Yuriy Tsap, Galina Motorina, Viktoria Smirnova, Alexander Morgachev, Valeriy Nagnibeda, Sergey Kuznetsov, Vladimir Ryzhov

(poster)

Metric Fiber Bursts Observed with the Artemis-IV RadioSpectrograph

Costas Bouratzis, Alexander Hillaris, Costas Alissandrakis, Panagiota Preka-Papadema, Xenophon Moussas, Panagiotis Tsitsipis, Athanasios Kontogeorgos

(poster)

The first results of the 2D solar observations obtained by Irkutsk incoherent scatter radar

Mariia Globa, Hamish Reid, Larisa Kashapova, Roman Vasilyev, Valentin Lebedev, Dmitriy Kushnarev, Andrey Medvedev

(poster)

Open discussion: constraining electron propagation and plasma parameters

Tuesday, June 14:

Automatic Detection and Measurement of Spectral Fine Structures Using Higher Order Statistical Estimators

Gelu Nita, Dale Gary

Interpretation of Tadpole Structures in the Solar Radio Radiation

Gottfried Mann, Viktor Melnik, Helmut H. O. Rucker, Alexandr Konovalenko

Structure and polarization of large spots with RATAN-600 and the NoRH

Costas Alissandrakis, Vladimir Bogod, Tatyana Kaltman, Natalia Peterova

Solar plasma diagnostics: magnetosphere of active regions with RATAN-600 microwave observations

Tatyana Kaltman, Vladimir Bogod, Leonid Yasnov, Alexei Stupishin, Anatoly Korzhavin, Natalia Peterova

(poster)

Modeling of solar atmosphere parameters above the active region using RATAN-600 radiotelescope observation

Alexey Stupishin, Vladimir Bogod, Tatyana Kaltman, Leonid Yasnov
(poster)

Broadband microwave sub-second pulsations and magnetoacoustic waves in an expanding coronal loop (2011 August 10 flare)

Hana Meszarosova, Jan Rybak, Larisa Kashapova, Peter Gomory, Susanna Tokhchukova, Ivan Myshyakov
(poster)

Studying the Characteristics of Shock waves associated with CMEs using solar radio bursts

Khaled Alielden, Ayman Mahrous
(poster)

Open discussion: fine structures in solar radio emission

WG3 conclusions