



RHESSI-18 Workshop

High-Energy Solar Physics: Building on the RHESSI Legacy

Day-by-day schedule

**All sessions:
Tate Hall
116 Church St SE, Minneapolis 55455**

Tuesday May 28			
9:30 - 10:30	Welcome, updates B50		
10:30 - 11:00	<i>Coffee</i>		
11:00 - 12:00	Invited talk: Dale Gary <i>Using Microwave Imaging Spectroscopy for Particle and Plasma Diagnostics in the Post-RHESSI Era</i> B50		
12:00 - 1:30	<i>Lunch</i>		
1:30 - 3:00	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Joint session: WG 1 & WG 3 - Acceleration and transport B65 1:30 Gregory Fleishman <i>Magnetic Energy Release and Particle Acceleration viewed through Microwave Eyes</i> 2:00 Natsuha Kuroda <i>Towards Measuring The Energy Content of The Evolving Nonthermal Electron Population in The High Corona</i> 2:30 Sijie Yu <i>Fast plasma outflows associated with impulsive microwave and hard X-ray bursts during the gradual phase of the 2017 September 10 X8.2 flare</i> </td> <td style="width: 50%; vertical-align: top;"> WG 7 - Ion studies and Fermi/LAT B55 1:30 Alexandra Lysenko <i>Gamma-ray emission from solar flares observed by Konus-Wind</i> 2:00 Gerald Share <i>A New View of Solar Flare Gamma-Ray Observations</i> 2:30 Brian Dennis <i>Extended X-ray sources in Gamma-ray Flares</i> </td> </tr> </table>	Joint session: WG 1 & WG 3 - Acceleration and transport B65 1:30 Gregory Fleishman <i>Magnetic Energy Release and Particle Acceleration viewed through Microwave Eyes</i> 2:00 Natsuha Kuroda <i>Towards Measuring The Energy Content of The Evolving Nonthermal Electron Population in The High Corona</i> 2:30 Sijie Yu <i>Fast plasma outflows associated with impulsive microwave and hard X-ray bursts during the gradual phase of the 2017 September 10 X8.2 flare</i>	WG 7 - Ion studies and Fermi/LAT B55 1:30 Alexandra Lysenko <i>Gamma-ray emission from solar flares observed by Konus-Wind</i> 2:00 Gerald Share <i>A New View of Solar Flare Gamma-Ray Observations</i> 2:30 Brian Dennis <i>Extended X-ray sources in Gamma-ray Flares</i>
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6:00 - 8:00	Reception at McNamara Alumni Center 200 SE Oak St, Minneapolis 55455		

Day-by-day schedule

Wednesday May 29											
8:00 - 9:00	Invited talk: Jeff Reep <i>Capabilities of Hydrodynamic Flare Loop Modeling</i> B50										
9:00 - 10:00	Invited talk: Melissa Pesce-Rollins <i>Fermi Large Area Telescope observations of the Sun: The first ten years</i> B50										
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3:30 - 5:00	Gelu Nita B50 EOVSA tutorial: <i>how to obtain and use microwave imaging spectroscopy data</i>										
7:00	Brewery tour (starts at 7pm, meet between 6 and 7pm) Modist Brewing Co., 505 N 3rd St, Minneapolis 55401										

Day-by-day schedule

Thursday May 30					
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6:00 - 11:00	Dinner - River Room - Aster Cafe, 125 SE Main St, Minneapolis, 55414				

Day-by-day schedule

Friday May 31		
8:30 - 9:00	Invited talk: Ryan Milligan <i>The Max Millennium Program for Solar Flare Research</i> B50	
9:00 - 10:00	Invited talk: Peter Young <i>Future prospects for EUV and soft X-ray solar spectroscopy missions</i> B50	
10:00 - 10:30	Coffee	
10:30 - 12:00	WG 1 - Radio diagnostics for accelerated electrons B65 10:30 Rohit Sharma <i>Study of the Particle Acceleration in a Weak Solar Flare using JVLA</i> 11:00 Marina Battaglia <i>A series of microflares observed with RHESSI and VLA</i> 11:30 Nicole Vilmer <i>Extreme narrow-band radio emission associated with a moderate X-ray flare</i>	WG 4 - Flare thermal response B50 10:30 Gordon Emslie <i>Warm-target Energetics and a Solution to the Low-energy Cut-off Problem</i> 10:52 Natasha Jeffrey <i>The Role of Energy Diffusion in the Deposition of Energetic Electron Energy in Solar and Stellar Flares</i> 11:14 Galina Motorina <i>Quantification of thermal response in the 2014 February 16 "cold" flare with joint X-ray and UV analysis</i> 11:36 Säm Krucker <i>RHESSI diagnostics of hot plasma in quiescent active regions</i>
12:00 - 1:30	Lunch	
1:30 - 3:00	Joint session: WG 1 & WG 3 - Shocks B55 1:30 Fan Guo <i>The Acceleration of Particles at Solar Flare Termination Shocks</i> 2:00 Bin Chen <i>Radio Spectral Imaging of Solar Flare Termination Shock: Co-Spatial Split-band Feature</i> 2:30 Yingjie Luo <i>Dynamic Spectroscopic Imaging of Decimetric Stochastic Spike Bursts in an M8.4 Eruptive Solar Flare: Indication of a Solar Flare Termination Shock</i>	WG 4 - Flare thermal response B65 1:30 Alexander Warmuth <i>Thermal-nonthermal energy partition in solar flares: current status and progress</i> 1:52 Sabrina Guastavino <i>Desaturation of SDO/AIA EUV images of solar flaring storms</i> 2:14 Crisel Suarez <i>Solar Flare Plasma Transport Inferred from Elemental Abundance Changes using soft X-ray Spectra</i> 2:36 Tomasz Mrozek <i>How spatial, time and energy resolutions influence reconstructed RHESSI images and their physical interpretation?</i>
3:00 - 3:30	Coffee	
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Day-by-day schedule

Saturday June 1st		
8:30 - 10:00	Working Group Summary	B50
10:00 - 10:30	<i>Coffee</i>	
10:30 - 12:00	Working Group Summary	B50