NJIT

New Jersey Institute of Technology

Wednesday

8:30 AM	Welcome (Ballroom A)
8:50 AM	Säm Krucker: *RHESSI Status*
9:10 AM	Martin Fivian: *RHESSI Spacecraft Status*
9:35 AM	Richard Schwartz: *RHESSI Software Status*
10:00 AM	*Break*
10:30 AM	Dale Gary: *Radio observations with the Expanded Owens Valley Solar Array (EOVSA)*
11:15 AM	Timothy Bastian: *New Results, New Opportunities from Submillimeter to Meter Wavelengths*
12:00 PM	*Lunch*

	Working Group 2: (Ballroom A)	Working Group 1: (Room 235)	Working Group 5: (Room 240)
1:30 PM	**Brian Dennis:** *Pseudo-random pulses in the impulsive phase of flares*	**Yan Xu:** *Study of a dense, coronal thick target source with microwave data and 3D modeling*	**Haimin Wang:** *Structure and evolution of magnetic fields associated with solar eruptions*
2:00 PM	**Andrew Inglis:** *A model comparison approach to interpreting pulsations in solar flare emission*	**Bin Chen:** *New insights into particle acceleration: radio/X-ray observations of a termination shock*	**Sophie Musset:** *Energetic electrons and electric currents during solar flares*
2:30 PM	**Laura Hayes:** *Detection and characterization of pulsations in solar flares*	**Gregory Fleishman:** *Cold solar flares*	**Larisa Kashapova:** *Evolution of the free magnetic energy in a solar flare with spectral hardening during a particular peak*
3:00 PM	**Nicole Vilmer:** *X-ray emissions from reconnecting coronal loops*	**Tomoko Kawate:** *Temporal and spatial changes of the energy spectral index on non-thermal electrons and the role of turbulence/waves for particle acceleration in solar flares*	

3:30 PM *Break*

	Working Group 2: (Ballroom A)	Working Group 4: (Room 235)	Working Group 5: (Room 240)
4:00 PM	**Eduard Kontar:** *Collisional relaxation of electrons in a warm corona nonthermal electron spectra in solar flares*	**Gerald Share:** *Detailed study of Fermi/LAT sustained >100 MeV gamma-ray events*	**Gordon Holman:** *RHESSI observations of filament eruptions from the quiet Sun*
4:30 PM	**Nicolas Bian:** *Suppression of parallel transport in the turbulent magnetized plasma of solar flares*	**James Ryan:** *Solar conditions during long duration gamma ray flares*	**Dandan Ye:** *On magnetic field changes associated with the 2012 October 23 near-limb X1.8 flare*
5:00 PM	**Meriem Alaoui:** *Understanding breaks in X-ray spectra: Evaluation of a co-spatial return current model*	**Fatima Rubio da Costa:** *Fermi LAT observations of behind the limb flares above 100 keV*	

Posters

Mel Byrne: *X-RAY image deconvolution using a fast implementation of pixon*
Xiaocan Li: *Nonthermally dominated electron acceleration during magnetic reconnection in a low-beta proton-electron plasma*
Xin Chen: *Dynamical thermal structure of super-arcade downflows in solar flares*

Thursday

8:30 AM	Plenary Session
8:50 AM	Dana Longcope: A flare loop model driven by Petschek reconnection

9:40 AM *Break*

	Working Groups 1 & 2 Joint Session: (Ballroom A)	Working Group 3: (Room 240)
10:00 AM	**Matej Kuhar:** *Correlation of hard X-ray and white light fluxes in solar flares*	**Ivan Zimovets:** *Observations of solar flare hard X-ray emission with the High Energy Neutron Detector (HEND) onboard 2001 Mars Odyssey*
10:30 AM	**Tomoko Kawate:** *The emission mechanisms in the core-halo structure of a white-light flare*	**Anna Codispoti:** *An analysis of acceleration models in terms of the electron continuity equation*
11:00 AM	**Nengyi Huang:** *The energetics of white-light flares observed by SDO/HMI and RHESSI*	**Marina Battaglia:** *Title TBA*
11:30 AM	**Hugh Hudson:** *Infrared observations of solar flares*	**Withdrawn Manju Sudhakar:** *Investigation of accelerated electron propertiees for the M-class flare of October 21, 2011*
12:00 PM	**Stephen White:** *Submillimetere observations by Pierre Kaufmann's group*	

12:30 PM *Lunch*

	Working Group 5: (Ballroom A)	Working Group 1: (Room 235)	Working Group 3: (Room 240)
1:30 PM	**Astrid Veronig:** *Diagnostics of the energy release in the confined X-class flares of NOAA 12192*	**Shaheda Shaik:** *Flare dynamics with EOVSA observations in active region 12297*	**Marina Battaglia:** *A multi-thermal representation of the kappa-distribution and its application on RHESSI and AIA observations of flares*

2:00 PM	**Chang Liu:** *A circular-ribbon flare following an asymmetric filament eruption*	**Hamish Reid:** *Coronal Type III bursts and their X-ray flare and interplanetary type III counterparts*	**Withdrawn** **Galina Motorina:** *Time evolution of electron distribution in solar flares using combined observations from RHESSI and SDO/AIA*
	Working Groups 1 & 5 Joint Session: (Ballroom A)		Working Group 3: (Room 240)
2:30 PM	**Lindsay Glesener:** *The role of accelerated electrons in coronal jets*		**Xiaocan Li:** *Nonthermally dominated electron acceleration during magnetic reconnection in a low-beta proton-electron plasma*
3:00 PM	**Jung-Eun Hwangbo:** *Magnetic structure and nonthermal electrons in the X6.9 flare on 2011 August 9*		**Withdrawn** **Zongjun Ning:** *Evidence of electron-driven evaporation in two solar flares*

3:30 PM *Break*

	Working Group 2: (Ballroom A)	Working Group 4: (Room 235)	Working Group 3: (Room 240)
4:00 PM	**Peter Young:** *Time evolution of the chromospheric heating and evaporation process: case study of an M1.1 flare on 2014 September 6*	**Withdrawn** **Wei Chen:** *Shapes of 20Ne de-excitation line in solar flares*	**James Drake:** *Mechanisms for electron acceleration and heating in multi-island magnetic reconnection*
4:30 PM	**Joel Allred:** *A multi-filamented model of the 15 February 2011 solar flare*	**Ronald Murphy:** *Accelerated 3He reactions in solar flares*	**Duncan Stackhouse:** *The spatial variation of accelerated electron populations in solar flares*
5:00 PM	**Stephen Bradshaw:** *Revisiting explosive evaporation: what does the cut-off have to do with it?*	**Michele Piana:** *The inference of accelerated ion spectra in solar flares through regularized inversion of gamma-ray spectra*	**Fatima Rubio da Costa:** *Modeling chromospheric emission of solar flares using combined kinetic and radiative hydrodynamic simulations*

Friday

New Instrumentation: (Ballroom A)	
8:30 AM	*Update on FOXSI*
8:40 AM	*Update on GRIPS*
8:50 AM	**Weiqun Gan:** *LASGA: Large Area Solar GAmma-ray spectrometer*
9:10 AM	**James Ryan:** *Advanced scintillator-based compton telescope for solar flare gamma-ray measurements*
9:30 AM	**Taro Sakao:** *Soft x-ray photon-counting spectroscopic imager*
9:50 AM	**Sabrina Savage:** *Determining the frequency of coronal heating with the Marshall Grazing Incidence X-ray Spectrometer*
10:10 AM	**Amir Caspi**: *New instruments for spectrally-resolved solar soft X-ray observations from cubeSats, and larger missions*
10:30 AM	*Break*
11:00 AM	**Feng Wang:** *High performance distributed data processing pipeline of MUSER*
11:20 AM	**Gordon Hurford:** *Overview of STIX*
11:40 AM	**Anna Massone:** *The STIX imaging problem: signal formation model and image reconstruction with multi-scale CLEAN*
12:00 PM	Eduard Kontar and Joel Allred: Theoretical background on directivity measurements
	Diego Casadei and Juan Carlos Martinez Oliveros: Proposed instruments for directivity measurements
	Hugh Hudson: Cross-calibration concerns

12:30 PM *Lunch*

1:30 PM	Lucia Kleint: IRIS observations of flares		
	Working Group 2: (Ballroom A)	unassigned	unassigned
2:15 PM	**Alexander Warmuth:** *Constraints on energy release in solar flares from RHESSI and GOES observations*		
2:40 PM	**Iain Hannah:** *Active region heating by small flares observed with NuSTAR, Hinode/XRT and RHESSI*		
3:05 PM	**General Discussion**		

3:30 PM *Break*

	Working Group 1: (Ballroom A)	unassigned	unassigned
4:00 PM	**Zhitao Wang:** *Dynamic spectral imaging of decimetric fiber bursts in an eruptive flare*		
4:30 PM	**Maria Loukitcheva:** *Catalog of OVSA images for events observed jointly with RHESSI from February to June 2002*		
5:00 PM	**Gelu Nita:** *New enhancements of the GX_Simulator: 3D data-driven modeling of flaring loops and active regions, and simulation of associated multiwavelength emission*		
6:30 PM	*Banquet (Iberia Restaurant)*		

Saturday

9:00 AM	Working Group Summaries
12:00 PM	*Adjourn*

NJIT Campus Map

1.Student Mall / Parking Deck

2. York Center for Environmental Engineering & Science

3.Laurel Residence Hall

4. Oak Residence Hall

5. College of Architecture & Design

6. Specht Building

7. Colton Hall

8. Campbell Hall / Student Services

9. ECE Building

10. Microelectronics Center

11. Faculty Memorial Hall

12. Tiernan Hall

13. Lubetkin Field at J. Malcolm Simon Stadium

14. CHEN Building

15. EDC 2

16. EDC 3

17. Estelle & Zoom Fleisher Athletic Center

18. The Green

19. Kupfrian Hall

20. Central King Building

21. Fenster Hall / Admissions

22. Cullimore Hall

23. Eberhardt Hall / Alumni Center

24. Campus Center

25. Cypress Residence Hall

26. Redwood Residence Hall

27. Naimoli Family Athletic & Recreational Facility

28. Guttenberg Information Technologies Center

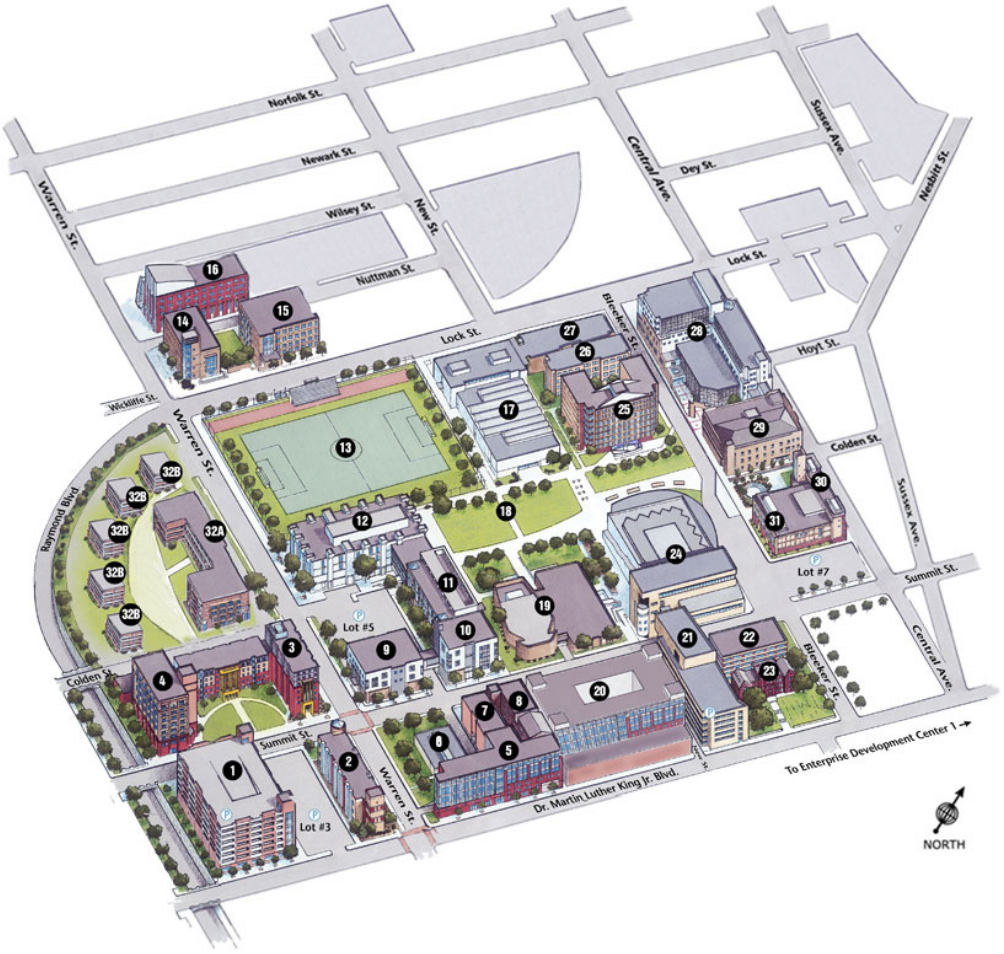
29. Mechanical Engineering Center

30. Central Ave Building

31. Van Houten Library

32. Warren Street Village

A. Albert Dorman Honors



Emergencies on Campus

Emergencies on Campus Dial (973) 596 – 3111

For all non-emergencies, please dial

973-596-3116 or 973-596-3120