

SPRO2012 Program

Session	Date	Time	Chair	ID	Title	Presentation
registration	Nov. 20	9:00				
Opening		10:00	K. Shibasaki		Welcome addresses	Nagoya U., SOC, LOC
		10:10			Memories of Kundu san	S. White
		10:20			Memories of Gelfreikh san	V. Bogod
		10:30			Memories of Kosugi san	S. Masuda
		10:40			Memories of Enome san	K. Shibasaki
		10:50			Memories of Zirin san	D. Gary
		11:00			Coffee break	
S1 (Particle acceleration and oscillations in solar flares)		11:20	T. Bastian	S1-I-1	Two Decades of Solar Flare Observations with Nobeyama Radio Heliograph (Invited)	S. Masuda
		12:00		S1-I-2	Nobeyama Radioheliograph and Understanding Particle Acceleration in Solar Flares (Invited)	V. Melnikov
		12:40			Lunch break	
		14:00	L. Fletcher	S1-O-1	Nonthermal Microwave Emission Observed in the Preflare Phase of the 2006 December 13 Flare	A. Asai
		14:20		S1-O-2	Two Episodes of Systematic Microwave Source Motions Parallel to Neutral Line during Two-ribbon Flare	S. Kim
		14:40		S1-I-3	Sausage Oscillations of Flaring Coronal Loops (Invited)	V. Nakariakov
		15:20		S1-O-3	Spatially resolved microwave observations of multiple periodicities in a flaring loop	E. Kupriyanova
		15:40			Coffee break	
		16:00	A. Asai	S1,2-P	Poster presentations 5min.x13(S1, S2)	
		17:05			Poster viewing	
		18:00			Reception	
	Nov. 21	9:00	V. Melnikov	S1-I-4	Multi-wavelength observations of particle acceleration and pulsations in solar flares (Invited)	L. Fletcher
		9:40		S1-I-5	Dynamic Imaging Spectroscopy of Type III dm Radio Bursts - Results from the Jansky VLA (Invited)	T. Bastian
		10:20		S1-I-6	RHESSI Observations of Coronal Hard X-ray Emissions (Invited)	S. Krucker
		11:00			Coffee break	
		11:20	D. Gary	S1-O-4	The characters of energetic electron transportation during the decay phase of solar flares	J. Huang
		11:40		S1-O-5	Hard X-ray and Microwave Emissions from Solar Flares with Hard Spectral Indices	N. Nishizuka
		12:00		S1-O-6	Statistical analysis of radio emissions during white-light flares	K. Watanabe
		12:20		S1-O-7	Thermal plasma richness of Solar Flares	T. Kawate
		12:40			Lunch break	
		14:00	K. Kusano	S1-I-7	Microwave view on particle acceleration in flares (Invited)	G. Fleishman
		14:40		S1-O-8	Pulsations of Non-Thermal Flare Emission and Trap-Plus-Precipitation Model	Y. Tsap
		15:00		S1-O-9	Solar Burst Analysis with 3D Loop Models	J. Costa

		15:20		S1-O-10	THz emission: Origin and Diagnostics of Solar Atmosphere	A. Stepanov
		15:40		S1-O-11	Solar flare expansion by fast reconnection evolution	M. Ugai
		16:00			Coffee break	
		16:20	S. Masuda	S3,4-P	Poster presentations 5min.x14(S3, S4)	
		17:30			Poster viewing	
S2 (Prominence eruptions and interplanetary disturbances)	Nov. 22	9:00	V. Nakariakov	S2-I-1	Prominence Activities Observed with NoRH (Invited)	M. Shimojo
		9:40		S2-I-2	Interplanetary Disturbances (Invited)	N. Gopalswamy
		10:20		S2-O-1	A metric type II radio burst exited by a slow coronal mass ejection	S. Yashiro
		10:40		S2-O-2	Combined observations of a filament eruption by SSRT, SDO and STEREO	C. Alissandrakis
		11:00			Coffee break	
S3(Quiet sun, active regions and global solar activity)		11:20	T. Yokoyama	S2-O-3	An updated detailed view of eruptive flares and excitation of shock waves revealed from recent observations	V. Grechnev
		11:40		S3-I-1	Quiet Sun, Active regions and Global Solar Activity studied by Nobeyama Radioheliograph (Invited)	K. Shibasaki
		12:20		S3-O-1	Long-term Oscillations of Sunspots from Simultaneous Observations with the Nobeyama Radioheliograph and SDO	V. Abramov-Maximov
		12:40		S3-O-2	Spectral-polarization data at RATAN-600 as additional view to NoRH observations	V. Bogod
		13:00			Lunch break	
		14:00	K. Alissandrakis	S3-O-3	Measurements of the Chromospheric Magnetic Field by the Polarization Observation of Nobeyama Radioheliograph	K. Iwai
		14:20		S3-O-4	Investigation of quiet solar radio emission	C. Tan
		14:40		S3-I-2	Solar Predictions using Nobeyama Data (Invited)	L. Svalgaard
		15:20		S3-O-5	Long-term Variability of the Brightness of Polar Regions as Observed by the Nobeyama Radio Heliograph and its Implications on Solar Cycle	N. Nitta
		15:40			Coffee break	
S5(Future directions of solar radio astronomy and roles of NoRH)		16:00	N. Gopalswamy	S5-1	Future roles of NoRH and NoRP (L. Svalgaard, N. Gopalswamy, V. Melnikov, V. Nakariakov, D. Gary, T. Yokoyama, S. Masuda, K. Iwai, K. Shibasaki)	Panel discussion
		18:00			Banquet	
S4(Current and next generation instruments)	Nov. 23	9:00	K. Shibasaki	S4-I-1	Preparing for the Frequency Agile Solar Radiotelescope (FASR) (Invited)	D. Gary
		9:40		S4-I-2	On new-generation instruments for solar imaging-spectroscopy (Invited)	Y. Yan
		10:20		S4-I-3	Solar Observations by ALMA (Invited)	M. Shimojo
S5		11:00		S5-2	Future direction of solar radio astronomy	Discussion
		11:30			Closing remarks	

Posters			
S1	S1-P-1	Eruptions, shock waves, and major flare in the 2006-12-13 event	V. Grechnev
	S1-P-2	What multi-wave observations of microwave negative bursts tell us about solar eruptions?	V. Grechnev
	S1-P-3	Relations between strong high-frequency radio bursts and big proton events	V. Grechnev
	S1-P-4	Microwave Emission on Hot Supra-arcade Structure associated with M1.6 Limb Flare	S. Kim
	S1-P-5	Temporal and Spatial Analyses on Spectral Indices of Nonthermal Emissions Derived from Hard X-Rays and Microwaves	A. Asai
	S1-P-6	Microwave-rich solar flare: Energy budget in solar flares	S. Masuda
	S1-P-7	Flare Non-Thermal Emission Synthesized by Solving Fokker-Planck Equation	T. Yokoyama
	S1-P-8	Spectrum Fine Structures of Solar Radio Type-I Burst Observed with AMATERAS	K. Iwai
	S1-P-9	Fine spectral structures of a solar radio type-II burst observed with AMATERAS	S. Sato
	S1-P-10	3D Dynamics of Prominence Eruption and Particle Acceleration in a Solar Flare	N. Nishizuka
S2	S2-P-1	Filament Eruptions observed in multi wavelength and its magnetic structures	K. Yaji
	S2-P-2	Relationship between Shock Strength and the Type II Radio Burst Intensity	N. Chen
	S2-P-3	Solar radio emission as a tool for CME's ejection time evaluation	O. Sheiner
S3	S3-P-1	Nonlinear Force-free Field Extrapolation Accelerated by GPU, Applied to SDO/HMI Vector Magnetogram in NOAA 11158	R. Wang
	S3-P-2	The Spatial Dependence of Coronal Heating by Alfvén Wave Turbulence	M. Asgari
	S3-P-3	Effect of flow on the period ratio of non-adiabatic slow MHD wave	N. Kumar
	S3-P-4	Long Term Oscillations of Sunspots by NoRH and SSRT observations	I. Bakunina
	S3-P-5	Heating in the polar corona by quasi-perpendicular collisionless shocks	G. Nistico
	S3-P-6	A study of coronal holes observed by SOHO/EIT and Nobeyama radio heliograph	S. Akiyama
S4	S4-P-1	The simulation of imaging capabilities for the Chinese Spectral Radioheliograph	J. Du
	S4-P-2	The Polarization calibration of the Chinese Spectral Radioheliograph	C. Su
	S4-P-3	Radiation pattern measurement for Chinese Spectral Radio Heliograph	S. Li
	S4-P-4	An Introduction of CSRH-I Digital Correlator Sub-system	L. Chen
	S4-P-5	Calibration and Data Processing for Chinese Spectral Radioheliograph	W. Wang
	S4-P-6	RATAN-600. To-day observations and future directions.	V. Bogod
	S4-P-7	HiRAS (Hiraiso Radio Spectrograph) in NICT	Y. Kubo
	S4-P-8	Data Calibration and Burst Locating Capability of the Korean Solar Radio Burst Locator	S. Bong