

“Superflares on Solar-type Stars and Solar Flares, and Their Impacts on Exoplanets and the Earth.”

[Final program (2016/03/02)]

15min = 10min talk + 5min discussion

30min = 20min talk + 10min discussion

45min = 30min talk + 15min discussion

50min = 35min talk + 15 min discussion

60min = 45min talk + 15min discussion

3/1(Tue) Observation of Stellar Superflares and Solar White Light Flares

Time	Name	Rough contents of the talk
Chair: Kazunari Shibata		
10:00-10:10	Kazunari Shibata	Opening remarks
10:10-11:00	Hiroyuki Maehara	Superflares and starspot activity on solar-type stars
11:00-12:00	Suzanne Hawley	Observation of stellar flares
12:00-13:30	Lunch	
Chair: Ayumi Asai (or Shinsuke Takasao)		
13:30-14:30	Adam Kowalski	Modeling of optical spectrum of stellar flares
14:30-15:30	Kyoko Watanabe	Solar white-light flares
15:30-16:00	Break	
Chair: Kiyoshi Ichimoto		
16:00-16:30	Takako T. Ishii	White light flares observed at Hida Observatory
16:30-16:45	Kosuke Namekata	Statistical properties of solar white-light flares
16:45-17:00	Han Yuan Chang	A LAMOST-Kepler spectrophotometric study of hyper flares of M dwarfs
17:00-17:15	Li-Ching Huang	Physical Properties of G-type Kepler Eclipsing Binaries

3/2(Wed) Observation of Stellar Superflares and Spectroscopic Observations

Chair: Hiroaki Isobe		
10:00-11:00	Luis A. Balona	Flare stars across the H–R diagram
11:00-12:00	Valery Nakariakov	Oscillations of stellar flares
12:00-13:30	Lunch	
Chair: Suzanne Hawley		
13:30-14:15	Yuta Notsu	Spectroscopic observations of solar-type superflare stars
14:15-14:30	Satoshi Honda	Spectroscopic observations of flare star EV Lac at NHAO
14:30-15:30	Yoichi Takeda	Activities and related properties of solar-type stars
15:30-16:00	Break	
Chair: Satoshi Honda		
16:00-17:00	Steven Saar	Observations of Magnetic Cycles in Late-type Single Dwarfs: What are They Telling Us?
17:00-17:30	Mark Cheung	Evolving Models of Stellar Photospheric and Coronal Magnetic Fields

19:00~ Banquet at Ganko Nijo

3/3(Thu) Possibility of superflares on the Sun

Chair: Hiroyuki Maehara		
10:00-10:30	Kazunari Shibata	Can superflares occur on the Sun?
10:30-11:30	Hideyuki Hotta	Current understanding of solar global scale magnetic field and dynamo
11:30-11:45	Hisashi Hayakawa	World-Wide Records of Solar Flare Candidates in the 10th century and the 18th century
11:45-	Lunch	
PM	Tour to Kwasan Observatory (Excursion) http://www.kwasan.kyoto-u.ac.jp/general/facilities/index_kwasan_en.html	

3/4(Fri) Planets (AM) & Future Plans (PM)

Chair: Takanori Sasaki		
10:00-11:00	Masashi Omiya	Observations of exoplanets and stellar activity
11:00-11:15	Takuya Takahashi	CMEs of solar superflares
11:15-11:45	Daisaku Nogami	Kyoto 3.8m telescope and future plans of our superflare studies
11:45-13:30	Lunch	
Chair: Daisaku Nogami		
13:30-17:00	Discussions ~Future plans of superflare studies~ (Moderators: Daisaku Nogami and Kazunari Shibata)	
	<p>Short comments & Topics</p> <ul style="list-style-type: none"> -Daisaku Nogami: Future plans of our superflare studies -Hiroyuki Ishikawa: Comment on the habitability of M-type stars -Fumihide Iwamuro: Short comment on spectrograph of Kyoto 3.8m telescope -Bun'ei Sato: Comment on spectroscopic observations with Kyoto 3.8m telescope (Introduction of TESS) -Possibility of International Collaboration <p>Short comments (~5 min) are welcome !</p>	

3/5(Sat)

Kyoto tour