

FM 13: Brightness Variations of the Sun and Sun-like Stars

Room 313C, Hawaii Convention Center

Wednesday, 5 August 2015

FM13.1: Observing Solar and Stellar Variability I, 10:30 am - 12:30 pm

10:30 am - 10:55 am	Thomas N. Woods	Space-based Observations of the Solar Irradiance	FM13.1.01
10:55 am - 11:10 am	Greg Kopp	Solar Variability Magnitudes and Timescales	FM13.1.02
11:10 am - 11:25 am	Alexei Pevtsov	Long-term Synoptic Observations of the Sun.	FM13.1.03
11:25 am - 11:50 am	Jeffrey C Hall	Activity and Brightness Variations of Sun-Like Stars	FM13.1.04
11:50 am - 12:15 pm	Fabienne A Bastien	Convection in Cool Stars, as Revealed through Stellar Brightness Variations	FM13.1.05
12:15 pm - 12:30 pm	Mark Rast	Sensitivity of Long-term Photometric Trends to Center-to-Limb Profile Variations	FM13.1.06

FM13.2: Observing Solar and Stellar Variability II, 2:00 pm - 3:30 pm

2:00 pm - 2:25 pm	Heidi Korhonen	Properties of stellar activity cycles	FM13.2.01
2:25 pm - 2:40 pm	Krisztián Vida	Finding year-long activity cycles in ground-based and space-borne photometry	FM13.2.02
2:40 pm - 2:50 pm		Ruth Angus FM13p.01 Poster Talk	FM13.2.03
2:50 pm - 3:00 pm		Christopher Corbally FM13p.02 Poster Talk	FM13.2.04
3:00 pm - 3:10 pm		Rachael Roettenbacher FM13p.03 Poster Talk	FM13.2.05
3:10 pm - 3:20 pm		Scott Engle FM13p.04 Poster Talk	FM13.2.06
3:20 pm - 3:30 pm		Laszlo Meszaros FM13p.05 Poster Talk	FM13.2.07

FM13.3: The Solar-Stellar Connection, 4:00 pm - 6:00 pm

4:00 pm - 4:25 pm	Mark Giampara	Photometric Variability of Sun-like Stars	FM13.3.01
4:25 pm - 4:50 pm	Gibor Basri	The Sun Among Stars: A Photometric Comparison from <i>Kepler</i>	FM13.3.02
4:50 pm - 5:05 pm	Ricky Egeland	Sun-like Magnetic Cycles in the Fast-Rotating Young Solar Analog HD 30495	FM13.3.03
5:05 pm - 5:30 pm	Edward Francis Guinan	Brightness Variations of the Sun and Solar-like Stars over Space and Time: How does the Sun fit in?	FM13.3.04
5:30 pm - 5:45 pm	H. Schunker	Rotation of Six Sun-like Stars	FM13.3.05
5:45 pm - 6:00 pm	Timothy M Brown	Is there a relation between stellar wind braking and the spatial structure of surface magnetic fields?	FM13.3.06

Thursday, 6 August 2015

FM13.4: Grand Minima in the Sun and Sun-like Stars, 8:30 am - 10:00 am

8:30 am - 8:55 am	Steven Saar	Grand Minima in the Sun and Sun-like Stars	FM13.4.01
8:55 am - 9:15 am	Jason Thomas Wright	Low activity, flat activity, and Maunder minimum stars	FM13.4.02
9:15 am - 9:30 am	Nadezhda Zolotova	The Maunder minimum: a revision	FM13.4.03
9:30 am - 9:45 am	Ilya Usoskin	The Maunder minimum: A reassessment from multiple dataset	FM13.4.04
9:45 am - 10:00 am	Kyle C. Augustson	Grand Minima and Equatorward Propagation in a Cycling Stellar Convective Dynamo	FM13.4.05

FM13.5: Modelling Solar and Stellar Variability I, 10:30 am - 12:30 pm

10:30 am - 10:55 am	Benjamin Beeck	MHD simulations of solar and stellar atmospheres	FM13.5.01
10:55 am - 11:10 am	Cecilia Garraffo	Magnetic Complexity, Dynamos and Spin Down of Sun-like Stars	FM13.5.02
11:10 am - 11:25 am	Paul Charbonneau	Deep-seated dynamo-driven modulation of solar and stellar luminosities	FM13.5.03
11:25 am - 11:40 am	Aline Vidotto	Long-term evolution of the large-scale magnetic fields of cool stars	FM13.5.04
11:40 am - 12:05 pm	Rim Khalil Fares	Sun-like stars: magnetic fields, cycles, and exoplanets	FM13.5.05
12:05 pm - 12:20 pm	Marc DeRosa	Evolving Models of Surface and Coronal Activity of Sun-Like Stars	FM13.5.06
12:20 pm - 12:30 pm	Valery Pipin	Waldmeier's Rules in the Solar and Stellar Dynamos	FM13.5.07

FM13.6: Modelling Solar and Stellar Variability II, 2:00 pm - 3:30 pm

2:00 pm - 2:25 pm	Sami K. Solanki	Models of Solar Irradiance Variability	FM13.6.01
2:25 pm - 2:40 pm	James R. A. Davenport	Using Transiting Exoplanets to Study Starspots with Kepler	FM13.6.02
2:40 pm - 2:55 pm	Svetlana Berdyugina	Exoplanets as Probes of Stellar Activity	FM13.6.03
2:55 pm - 3:10 pm	Sudeshna Boro Saikia	Hunt for magnetic cycles in solar-type stars using spectropolarimetric observations	FM13.6.04
3:10 pm - 3:25 pm	Federico Spada	Intrinsic variability induced by dynamo magnetic fields in solar-like stars	FM13.6.05

FM13.7: The Impact of Solar and Stellar Variability on their Environment, 4:00 pm - 6:00

4:00 pm - 4:30 pm	Suzanne Aigrain	The impact of stellar variability on the detectability of exoplanets	FM13.7.01
4:25 pm - 4:40 pm	Heather Cegla	Predicting and Disentangling Stellar Variability in Quiet Stars: Implications for Low-mass Planet Confirmation	FM13.7.02
4:30 pm - 5:00 pm	Lisa Kaltenegger	A Stars influence on detectable biosignatures	FM13.7.03
5:00 pm - 5:15 pm	Diana Dragomir	The variability of nearby exoplanet host stars	FM13.7.04
5:15 pm - 5:45 pm	Rémi Thiéblemont	Solar influence on Earth's climate	FM13.7.05
5:45 pm - 6:00 pm	Dibyendu Nandi	Impact of Magnetic Activity on Solar and Stellar Environments	FM13.7.06