



# SOLARNET Conference: The Many Scales of the Magnetic Sun

## Monday 08 May 2023

### Variations of magnetic fields with the solar cycle – synoptic observations and Theory (15:05-15:30)

**-Conveners: Carsten Denker**

time	[id] title	presenter
15:05	[17] Coronal flux ropes over Solar Cycle 24	YEATES, Anthony

# Thursday 11 May 2023

## Variations of magnetic fields with the solar cycle – synoptic observations and Theory (09:30-11:10)

-Conveners: Ivan Milic

time	[id] title	presenter
09:30	[110] Long-term variability of solar magnetic flux and irradiance	KRIVOVA, Natalie
09:55	[3] Examining the Closed Magnetic Field Lines Crossing the Coronal Hole Boundaries	Dr LIN, Chia-Hsien
10:10	[74] The relation of the Sun's global magnetic field with the solar wind parameters on solar cycle time-scales	Dr REDA, Raffaele
10:25	coffee break	

## Variations of magnetic fields with the solar cycle – synoptic observations and Theory (11:35-13:50)

-Conveners: Catherine Fischer

time	[id] title	presenter
11:35	[70] Power supply and evolution of the solar dynamo	NORAZ, Quentin
11:50	[98] Role of spots in stellar Ca II H & K emissions: what can we learn from spots on the Sun?	KRISHNAMURTHY, Sowmya
12:05	[45] Data-driven model of temporal evolution of the solar Mg II h & k profiles over the solar cycle	Dr KOZA, Julius
12:20	[13] Solar-cycle variation of the quiet-sun magnetism	KORPI-LAGG, Andreas
12:35	lunch	

## Variations of magnetic fields with the solar cycle – synoptic observations and Theory: Session 4B (13:50-15:15)

-Conveners: Mariarita Murabito

time	[id] title	presenter
13:50	[91] Solar Irradiance Variability - From Measurements to Modelling	Dr HABERREITER, Margit
14:15	[35] Revisiting the long-term evolution of the Sun's magnetic field: Solar wind sources and coronal rotation	Dr FINLEY, Adam
14:30	[24] Differential Rotation of the Solar Chromosphere using multidecadal Ca K spectroheliograms	Ms MISHRA, Dibya Kirti
14:45	[26] The effects of the surface inflows on quenching of solar cycles	Dr TALAFHA, MOHAMMED
15:00	[81] On the origin of the Solar Mean Magnetic Field	Mr M, Vishnu

## Variations of magnetic fields with the solar cycle – synoptic observations and Theory (15:15-17:30)

-Conveners: Alex Pietrow

time	[id] title	presenter
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15:15	[119] Poster popups	GOROBETS, Andrei DENKER, Carsten BERRILLI, Francesco DRUETT, Malcolm VERMA, Meetu DIAZ CASTILLO, Saida Milena CHANDRA, Sanghita
15:30	Social event	

# Friday 12 May 2023

## Variations of magnetic fields with the solar cycle – synoptic observations and Theory (09:00-09:15)

-Conveners: Ioannis Kontogiannis

time [id] title

presenter

09:00	[21] Changes in the Lower Solar Atmosphere throughout the Solar Cycle	CROWLEY, James
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