COSPAR

CAPACITY BUILDING WORSHOP

EARTH–AFFECTING SOLAR TRANSIENTS

31 August – 11 September 2026 Cairo, Egypt

National Research Institute Of Astronomy & Geophysics (NRIAG)

WEEK 1

DAY/DATE	09:30-11:30	11:30-12:00	12:00-13:30	13:30-14:30	14:30-16:00	16:00-16:45	16:45-18:30
Monday 31 Aug	Opening Ceremony Prof. Bassem Nabawy Prof. Gopalswamy	Break	Prof. Rajaguru Solar Interior, Dynamo and Drivers of Activity	Lunch	python	Break	python
Tuesday 1 Sep	Prof. Rajaguru Solar Sources of Flares and CMEs python	Break	Prof. Yashiro Solar Flares and Coronal Mass Ejections: Observations and Their Connection Solar Observations and Their Online Resources	Lunch	python	Break	python
Wednesday 2 Sep	Prof. Gopalswamy Inauguration: Overview of Sun-Earth connection and the Workshop Events The Sun and Space Weather-1: Solar Eruptions	Break	Prof. Samwel The Near-Earth Space Environment & Its Effect on Spacecraft From Space Radiation to Spacecraft Risk	Lunch	Hands on	Break	python
Thursday 3 Sep	Prof. Makela Inauguration: Overview of Sun-Earth connection and the Workshop Events Solar Energetic Particles 1,2	Break	Prof. Perrone Solar Energetic Particles 1,2	Lunch	Prof. Gopalswamy The Sun and Space Weather-2: Solar Energetic Particle Events and Geomagnetic storms	Hands-on end at 17:00	Gala dinner
Friday 4 Sep	09:00-11:00	11:00-11:30	11:30-13:00	13:00-14:00	14:00-15:30	15:30-16:15	16:15-18:00
	Prof. Perrone Solar Wind Interaction with the Earth: The Solar Wind-Magnetosphere CouplingA Amory Electrodynamics at middle and low latitudes during magnetic quiet time	Break	Prof. Amory Electrodynamics coupling between high and low latitudes during geomagnetic storms Magnetic field variations and magnetic indices associated to electric current systems	Lunch + prayer	Hands on	Break	Hands on
Saturday 5 Sep	Prof.Gopalswamy Geoeffectiveness of Coronal Holes Prof.Anjali GCS	Break	Prof. Anjali- insitu	Lunch	Data intro	Break	Data intro
Sunday 6 Sep	Excursion						

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WEEK 2

DAY/DATE	09:30-11:30	11:30-12:00	12:00-13:30	13:30-14:30	14:30-16:00	16:00-16:45	16:45-18:30
Monday 7 Sep	Report	Break	Event analysis	Lunch	Event analysis	Break	Event analysis
Tuesday 8 Sep	Report	Break	Event analysis	Lunch	Event analysis	Break	Event analysis
Wednesday 9 Sep	Report	Break	Event analysis	Lunch	Event analysis	Break	Event analysis
Thursday 10 Sep	Report	Break	Event analysis	Lunch	Event analysis	Break	Event analysis
					Event analysis	Break	Event analysis
Friday 11 Sep	09:00-11:00	11:00-11:30	11:30-13:00	13:00-14:00	14:00 – 16:00	16:00	
	Final Report	Break	Closing Ceremony	prayer	Lunch	Departure	
Saturday 12 Sep	Departure						