

ONLINE WORKSHOP ON EARTH AND SPACE SCIENCES ATMOSPHERIC PHYSICS AND CLIMATE

4TH OF JUNE, 2020, 11:00 (GMT+1)

[HTTPS://VIDEOCONF-COLIBRI.ZOOM.US/MEETING/REGISTER/TJEUFUGGQT8TGNZRICPLDEZSAAPWIVNW8ZUS](https://videoconf-colibri.zoom.us/meeting/register/tjeufuggqt8tgnzricpldezsAAPWivNW8ZUS)

MORNING SESSION

11:00 – 11:30	Pedro Matos Soares (invited speaker)	Climate change: from global to regional scales
11:30 – 11:45	Ana Galveias	Effect of meteorological parameters on Cupressaceae pollen in southwestern Iberia
11:45 – 12:00	Fahad Faisal	A comparative review on cooling techniques to develop hybrid PV/T panel
COFFEE BREAK		
12:15 – 12:30	Carla Lisci	Building pathology: some case studies and decay prediction
12:30 – 12:45	João Perdigão	Direct Normal Irradiance Forecasts based on IFS/ECMWF in the south of Portugal
12:45 – 13:00	Ines Hamak	Three-dimensional crustal image of Arraiolos aftershock sequence, earthquake of M=4.9 (2018), in Central Portugal
LUNCH BREAK		

AFTERNOON SESSION

Dina Santos (invited speaker)	Operational aeronautic meteorology	14:30 – 15:00
Jebun Naher Sikta	Optomechanical design and integration of a space telescope, for a LIDAR	15:00 – 15:15
Edgar Abreu	Developing a model to determine circumsolar irradiance under clear-sky conditions	15:15 – 15:30
COFFEE BREAK		
Gonçalo Rodrigues	Satellite remote sensing of water quality parameters over a large reservoir	15:45 – 16:00
Yufan Ding	Novel aseismic structure design - metamaterials	16:00 – 16:15
André Albino	Modelling and studies of the spectral response of some optoelectronic components	16:15 – 16:30
Sara Pereira	Prediction of solar resource and photovoltaic energy production through the generation of a Typical Meteorological Year and Meso-NH simulations	16:30 – 16:45