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WCO5 - 5th Workshop on Convective Organization | (smr 4191)

Wednesday 11 March 2026

k-scale models - (13:00-17:30)

time	title	presenter
13:00	African Easterly Waves and convection over West Africa in a storm-resolving global coupled model	ELSA MOHINO
13:30	The tropical rainbelt in two storm-resolving models: similar structure with different circulation	HANS SEGURA
14:00	Representation of a supercell thunderstorm by different radar data assimilation approaches	EMANUEL ALFIE
14:15	Convection-Allowing Models for Operational Applications	BERNARDET LIGIA
14:30	Coffee Break	
15:00	Organized convection in high resolution global model	PARTHASARATHI MUKHOPADHYAY
15:30	Environmental Controls on Tropical Oceanic Mesoscale Convective Systems in Global Kilometer-Scale Simulations	LAURA GIULIANNA PACCINI PEÑA
15:45	Representing Convective Organization and Memory in NOAA's Unified Forecast System	LISA BENGTSSON
16:00	Projected Changes in Mesoscale Convective System Frequency and Intensity over South America in a Future km-scale Climate Scenario	HARRIET LOUISE GILMOUR
16:15	A New Concept for Comparing Satellite Observations and km-Scale Atmospheric Simulations using Self-Supervised Machine Learning	DWAIPAYAN CHATTERJEE
16:30	Lunch Break	