

8th International Workshop on Retrieval of Bio- & Geo-physical Parameters from SAR Data for Land Applications

Wednesday, 15 November 2023

Forestry II: InSAR applications (11:00 - 12:00)

-Conveners: Stefano Tebaldini; Laurent Ferro-Famil

time	[id] title	presenter
11:00	[70] Boreal Forest Characterization with Sentinel-1 Coherence	HERRERA-GIMÉNEZ, Marc
11:20	[110] POLARIMETRIC-INTERFEROMETRIC TEMPORAL SAR COHERENCE: PHYSICAL MODELS AND RETRIEVAL ALGORITHMS FOR FOREST PARAMETER ESTIMATION	LAVALLE, Marco
11:40	[71] Analysis of the SAOCOM L-Band System Capabilities for Forest Height Estimation	LÓPEZ-MARTÍNEZ, Carlos

Forestry II: InSAR applications (13:40 - 14:40)

-Conveners: Laurent Ferro-Famil; Stefano Tebaldini

time	[id] title	presenter
13:40	[85] Combining AI Techniques with Physical Models: Forest Height Inversion from TanDEM-X InSAR Data Using a Hybrid Modeling Approach	MANSOUR, Islam
14:00	[63] TanDEM-X and Sentinel-1 InSAR Coherence for Mapping Forests using Deep Learning	RIZZOLI, Paola
14:20	[97] Applications and challenges of deep learning approaches for forest height estimation from InSAR products	CARCERERI, Daniel