

30 Nov 2023 (Day 1 - Thursday)			
Time (PST)	Presenter	Institution	Title
<i>Morning Block (Chair: Cinzia Zuffada, Nazzareno Pierdicca)</i>			
9:00	Cinzia Zuffada / Nazzareno Pierdicca	JPL / Sapienza	Welcome / Introduction
9:20	Bruce Chapman	JPL	Monitoring wetland inundation with L-band SAR data from the upcoming NISAR mission
9:50	Giacomo Caporusso	National Research Council of Italy	Using SAR intensity and InSAR coherence for Bayesian estimation of time series of flood probability maps
10:10	Jungkyo Jung	JPL	Mapping water extent using C-band SAR backscatter
10:30	BREAK		
11:00	Luca Cenci	CIMA Research Foundation	Validating an operational water bodies monitoring system based on optical and SAR data to support civil protection and water management applications
11:20	Mary Morris	JPL	Data fusion of GNSS-R and optical data for estimates of surface water extent
11:40	SESSION DISCUSSION		
12:00	LUNCH BREAK		
<i>Afternoon Block (Chair: Estel Cardellach, Eric Loria)</i>			
13:30	Marc Simard	JPL	Delta-X: From airborne to spaceborne observations of coastal hydrodynamics
14:00	Luigi Russo / Francesco Mauro	U. Sannio	Use of data fusion and deep learning techniques to ensure availability and sustainable management of water resources
14:40	BREAK		
15:10	Amanda Markert	NASA SERVIR	An overview of SERVIR's use of satellite remote sensing for mapping inland water extent
15:30	Stefano Archini	Sapienza	Comparison of ALOS-2 and CYGNSS for mapping water under vegetation
15:50	SESSION DISCUSSION		
16:30	HAPPY HOUR (The Athenaeum)		

* all times in PST; ** The assigned presentation slots are inclusive of Q&A.

1 Dec 2023 (Day 2 - Friday)			
Time (PST)	Presenter	Institution	Title
<i>Morning Block (Chair: Clara Chew, Nereida Rodriguez-Alvarez)</i>			
9:00	Estel Cardellach	ICE-CSIC / IEEC	GNSS-R capabilities for mapping inundation and wetlands
9:30	Clara Chew	Muon Space	What can we observe with CYGNSS inundation maps? What can't we observe?
9:50	Jiahua Zhang	UCAR	Retrieving inland water surface heights using spaceborne GNSS reflections
10:10	BREAK		
10:40	Paulo T. Setti Jr.	U. Luxembourg	Amazon basin surface water maps derived from CYGNSS observations
11:00	Tianjiao Pu	UC Berkeley	Revolutionizing tropical wetland monitoring with GNSS-R: Introducing Berkeley-RWAWC, UC Berkeley's Random Walk Algorithm WaterMask from CYGNSS
11:20	SESSION DISCUSSION		
12:00	LUNCH BREAK		
<i>Afternoon Block (Chair: Cinzia Zuffada, Rashmi Shah)</i>			
13:30	Chris Ruf	U. Michigan	Rongowai: Airborne GNSS-R for improved understanding of terrestrial surfaces and processes
14:00	James Garrison	Purdue	Remote sensing of sub-surface soil moisture using P-band signals of opportunity: the SNOOPI demonstration mission and supporting activities
14:20	BREAK		
14:50	Nereida Rodriguez-Alvarez	JPL	Polarimetric GNSS-R: Learning from SMAP-R measurements
15:10	Kyle McDonald	JPL / CCNY	A workflow for characterization of inundation extent and dynamics using microwave remote sensing supported by an in situ validation sensor network in a tropical wetlands complex
15:30	SESSION DISCUSSION		
16:10	Cinzia Zuffada / Nazzeno Pierdicca	JPL / Sapienza	Closing remarks

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