International Workshop on Machine Learning Applied to LiDAR Data for Cultural Heritage

December 6th 2023

Online via Microsoft Teams

The online event is brought to you by OPtimal Transport for Identifying Marauder Activities on LiDAR (OPTIMAL) project and organised by CCHT-IIT

9:30–9:40	Welcome address	Arianna Traviglia
9:40–9:50	The OPTIMAL project	Marco Fiorucci
9:50–10:50	**Keynote talk:** Optimal transport and machine Learning	Makoto Yamada
10:50–11:00	Coffee Break	
11:00–11:30	Applying machine learning for archaeological prospection in remotely sensed data: Challenges and opportunities	Wouter W.B. Verschoof
11:30–12:30	**Keynote talk:** Airborne LIDAR for the detection of archaeological features	Žiga Kokalj
12:30–14.00	Lunch Break	
14:00–14:30	Machine learning and LiDAR visualizations techniques for archaeology	Raveerat Jaturapitpornchai
14:30–15:00	Looting: a pressing problem on a global scale	Riccardo Giovanelli
15:00–15:15	Coffee Break	
15:15–15:45	Optimal transport for looting detection on LIDAR point clouds	Marco Fiorucci
15:45–16.15	Deep Learning for looting detection on multispectral data (ALCEO)	Gregory Sech
16:15–16:45	Implicit learning for looting detection on LIDAR point clouds	Peter Naylor
16:45–17:00	Closed Remarks	

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