

nD-PointClouds and Open Point Cloud Maps Year 1 workshop

23 January 2023

Berlage zaal 1, Faculty of Architecture and the Built Environment, TU Delft

Agenda nD-PointClouds project year 1 workshop

13:00 Welcome

13:10 Martijn Meijers: Storing SFC-based point clouds with cLoI and offering access via an octree-webservice

13:40 Rod Thompson: nD convex polytopes for point cloud query

13:55 Thijs van Lankveld: cLoI values & COPC in potree

14:10 Sander Vos: Introduction to the spatio-temporal point cloud data of CoastScan

14:20 Vitali Diaz Mercado: Data cleaning CoastScan data & Change detection in spatio-temporal point clouds

14:45 Break

15:15 Edward Verbree: Point clouds in education at TU Delft

15:35 Markus Schütz: GPU-accelerated LOD generation for Point Clouds

15:50 Nauman Ahmed: Using the Delft Blue supercomputer for processing massive point clouds

16:10 Willem Jan Vierbergen: Exploring the latest developments in point cloud applications in ArcGIS

16:20 Peter van Oosterom: Plans for second year of the nD-PointClouds project

16:40 Discussion