

netherlands

eScience center

by SURF & NWO



nD-PointClouds and Open Point Cloud Maps Year 2 workshop

30 October 2023

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

Agenda

- 13:00 Welcome (Peter van Oosterom)
- 13:05 Conversion of las/laz to vpc: json/cpoc (Thijs van Lankveld)
- 13:30 Using DelftBlue supercomputer for AHN conversion to potree (Nauman Ahmed)
- 13:55 Storing and querying nD-PointClouds in Apache Parquet (Martijn Meijers)
- 14:20 Quality analysis of point cloud change detect algorithms & SFC-based ultra-fast change detection (Vitali Diaz Mercado)
- 14:45 Coffee/tea
- 15:15 Medical applications of point clouds (Bastiaan Hofsteenge/Enatom)
- 15:40 Extracting changes from nD point clouds (Roderik Lindenbergh /CiTG)
- 16:05 Integrated use of heterogenous point clouds (Martin Kodde/Geodelta)
- 16:30 Spatio-temporal point clouds in water management (Fedor Baart/Deltares)
- 16:55 Wrap-up
- 17:00 Closing and drinks