

netherlands

eScience center

by SURF & NWO

TU Delft



Final/year 3 consortium meeting nD-PointClouds, 12 nov'24, Delft

# Programme

13:00 Thijs van Lankveld, AHN Converted to COPC / VPC.

13:20 Nauman Ahmed, PotreeConverterMPI, Massive Parallel Implementation.

13:40 Martijn Meijers, AHN 1, 2, 3, 4, 5 to potree for online 3D viewing.

14:00 Vitali Diaz Mercado, Fast SFC-based point cloud change detection (with AHN and CoastScan data).

**14:30 Thea/coffee break**

15:00 Edward Verbree, Point Clouds in Education (2) - MSc Geomatics / MSc GIMA.

15:20 Marieke van Arnhem and Walter Kahn, Semantic 3D Point Cloud Generation for Heritage Buildings  
Using Gaussian Splatting.

15:40 Michael Michalas, Explorative Point Cloud Virtual Reality - Immersive Visual Insight.

16:00 Azar Rafiee POINT-TWINS: Point cloud-based dynamic continuous-scale adaptive urban wind  
simulation.

16:15 Peter van Oosterom, nD-PointClouds project conclusion and next steps.

**16:30 Drinks**