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# AUTUMN SCHOOL

## VIRTUAL FOREST TWINS BASED ON MARTELOSCOPE POINT CLOUD DATA

ERASMUS+ VIRTUALFORESTS PROJECT



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In the frame of the “**Virtualization of forest studies project - (Virtual Forests<sup>1</sup>)**”, co-funded by the Erasmus+ programme of the **European Union**, in week 41 (10<sup>th</sup> - 14<sup>th</sup> October 2022), the intensive learning period (ILP) autumn school “*Virtual Forest twins based on marteloscope point cloud data*” was successfully carried out at HNE in Eberswalde, Germany.

This ILP was implemented as one of the activities of the Intellectual output Nr. 8 of the project<sup>2</sup>. International students and young experts from eight countries were trained on aerial/terrestrial-based remote sensing technologies, 3D stand pre-processing, processing and visualization, digital rendering and virtualization of forest stands, growth simulation software, and related analytical pipelines.

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<sup>1</sup> <https://virtualforests.eu/>

<sup>2</sup> <https://virtualforests.eu/virtual-forest-twins-based-marteloscope-point-cloud-data-different-forest-ecosystems-type-and-its>



**Tags:** Virtualforests, Erasmus+, HNEE, virtual forest twins, 3D point cloud, forest virtualization, forest IT, marteloscope.

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