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Nordic Association of Agriculture Science (NJF)
Continuous international scientific conference
"Challengers of Economics, Education and Society Development in the Nordic – Baltic Countries and beyond" organised by Section of Economy, Education and Society
Programme for the virtual seminar <mark>on October 1st, 2025 (Wednesday)</mark>
13:00 to 14:30 Eastern European time (12:00 to 13:30 Central European time)
The link for joining the conference event presented at the end of this programme

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Presentation 1

<u>Title:</u> **The determination of required characteristics for agricultural cleaning and pre commercial thinning and the analysis of this data using artificial intelligence**

<u>Speaker:</u> **Marcis Vinters,,** Latvia University of Life Sciences and Technologies

<u>Authors:</u> **Marcis Vinters,** Latvia University of Life Sciences and Technologies

Baiba Rivza, Latvia University of Life Sciences and Technologies

<u>Annotation:</u> This study focuses on optimizing young stand management through improved data processing, tending practices, and decision-making tools. The goals are to optimize statistical data processing for efficient tending, prioritize tending operations for maximum economic return, and automate planning processes to minimize errors and leverage expert knowledge. The research aims to develop technology that supports economically sound decisions aligned with forest cultivation goals. The final delivery is a decision support tool for planning priority tending activities to maximize the potential of young stands.

<u>Keywords:</u> forest cultivation, young stands, data processing, decision-making tools.

Link to Google Meet platform:
<mark>meet.google.com/xqg-bnak-gae</mark>