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Hello, network!

We are happy to welcome both old and new readers to our quarterly newsletter! The purpose of this letter is to keep you updated on what is happening across the network and to share relevant topics. Don't hesitate to contact us with any input or ideas on what to highlight here!

[Nordic Testbed Network online](#)



Online mingle:

Meet our new network member

Let's meet our new member Hushållnings-sällskapet's Ground Mapping during a short online mingle on October 12, from 09:00 to 09:30!

Deadline for registration: October 10

*Screenshot: Hushållningssällskapet
Markkartering*

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NTN invites its members to meet in Uppsala, Sweden

The 14th of November we welcome NTN members to meet and discuss cooperation possibilities!

NTN member Troëdsson forestry teleoperation lab will host the workshop. They also invite participants for a morning study visit at Troëdsson forestry teleoperation lab site. In addition, our NTN member Testbed for digitalized agriculture invite participants to a study visit in the afternoon.

See preliminary program below:

- Visit to Troëdsson forestry teleoperation lab site and presentation of their work with remotely controlled forestry machinery.
- Visit to Testbed for digitalized agriculture and presentation of their work with digitalisation, electric machinery, and autonomous machinery for agriculture.
- Presentation by Sean Barrett (itg studio) about cross sectoral and cross Nordic cooperation in the project Kelpwood & Bioplastic from Nordic Ocean Biomass.
- Workshop: discussion on possible collaborations and potential joint applications.

Invitations will be sent shortly to members!

Photo: Troëdsson forestry teleoperation lab

[Nordic Testbed Network website](#)



New funding obtained by Ouluzone+ for Networked Robotics Test Beds

The European Regional Development Fund (ERDF/JTF) and City of Oulu attributed a 2.5 EUR million grant the University of Oulu, VTT, Oulu University of Applied Sciences, Oulu Vocational College and the multidisciplinary operating environment Pyhäjärvi Callio to develop activities related to digitized test environments for robotic

machines, vehicles, and drones. A focus point in the project is the development of autonomous swarm machines and equipment. The Linnanmaa campus will therefore be equipped with a remote-control centre to work in synergy with infrastructures.

The investments will allow partners to acquire and develop low-emission automatic work machines,

charging information for electric machines, data transmission networks, test tracks. The investment will also allow the acquisition and maintenance of necessary maintenance and equipment of the diagnostic facilities required for the use of electronic and optical devices.

Want to learn more about the project? Contact Rauno Heikkilä rauno.heikkila@oulu.fi

Photo: Heavy drone example, Ouluzone+

[Visit OuluZone+ webpage](#)



Field trial testbeds at the Nordic Field Trial Network (NFTW)

Exciting news in the field of technology for field trials! Development of methods for use in field trials will be the main focus at NFTN's next meeting at SLU Uppsala on February 7-8 2024. NFTN's previous meeting at NIBIO Norway gathered around 30 participants across eight institutions from four Nordic countries.

Are you working with field trials? By attending, you can gain knowledge and inspiration to develop your work processes. The NFTW also hopes that you have some new tricks to teach the rest of the network!

The event is supported by Nordic Agri Research (NKJ), the attendance fee will therefore be very low, let your network know about it!

Curious to hear more? Contact Nicolai Fog Hansen, nfh@teknologisk.dk

Photo: Nordic Field Trial

[Read more here](#)



BioBoosters is ready to start the Hackathons

BioBoosters is a project started in January 2023 aiming to connect actors of the bioeconomy innovation across the Baltic Sea Region, promoting international collaboration and consequent cross-sectoral knowledge transfer. The project's goal is to enable knowledge exchange and collaboration between SMEs, start-

ups, research groups and large companies in an international context through an open innovation process in cross-regional cooperation. To this end, 18 BioBoosters Hackathons will take place, allowing the validation of up to 70 solutions to circular transition challenges.

Photo: BioBoosters

[Want to learn more about the hackathons? Read more here!](#)



Bioequality: Gender equality in the Nordic bioeconomy

Have you heard about the Bioequality project? It addresses gender inequality in the Nordic bioeconomy. The project focuses on forestry and agriculture which are two of the region's most gender-segregated sectors. Digitalisation and increased automation of heavy work could benefit gender equality in the sectors. However, this has not yet happened. The project therefore aims to

explore how digital transformation impacts gender equality among young individuals in the Nordic bioeconomy and how digital development can be leveraged to advance gender equality.

The project aims to invest further in the future of forestry and agriculture by focusing on a younger audience. Study visits are therefore offered to pupils to help them learn more about how AI is used in agriculture and forestry. The visits are organised at members of the NTN.

Want to know more?

[Read more here](#)



Invitation to collaborate on the Nordic booth at IUFRO World Congress 2024

The International union of forest research organizations (IUFRO) is organizing one of the world's largest global forest-related events, the

XXVI IUFRO World Congress 2024 in Stockholm, Sweden, June 23-29. Delegates from all over the world are welcome to join the conference and hear about five main themes: Forests for Sustainable societies, Strengthening forest resilience and adaptation to stress, Towards a responsible forest bioeconomy, Forest biodiversity and its ecosystem services and Forests for the future.

Nordic Forest Research (SNS) is coordinating a Nordic booth at IUFRO 2024. The booth will host matchmaking events, panel discussions and be a meeting place for Nordic researchers and professionals within forestry.

Your organisation can contribute to the Nordic booth in one or more of the following ways:

- Placing physical material, such as leaflets, rollups etc.
- Using screens to exhibit films or other digital material
- Creating side events
- Using the booth as a meeting place

Want to join SNS at IUFRO 2024? Contact anna.meisner.jensen@slu.se before October 18!

Logo: IUFRO 2024

[Read more here](#)



CIOSTA 2023: Sustainable Socio-Technical Transition of Farming Systems

September 10-13 was the occasion for CIOSTA (International Committee of Work Study and Labour Management in Agriculture) and CIGR (International Commission of Agricultural and Biosystems Engineering) to organize their International conference in Évora, Portugal.

With a strong focus on the digital transformation of agriculture and the adoption of digital tools, the conference gathered many actors of the engineering and agriculture world. NTN member Prof. Claus Grøn Sørensen (AU Centre for Smart Farming) gave a keynote speech about Digitalization and the Green Transition!

Want to learn more? Contact Claus: claus.soerensen@eng.au.dk

Screenshot: CIOSTA 2023

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