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BREEDING TECHNOLOGIES AND STRATEGIES FOR SUSTAINABLE CROP PRODUCTION

October 27, 2023

Lithuanian Research Centre for Agriculture and Forestry (LAMMC)
Instituto Ave. 1, Akademija, Kėdainiai dist. (Room 1-12)

Registration <https://forms.office.com/e/6U5UggNYD3>

PROGRAMME

8.30	Registration, coffee
9.00–9.10	Welcome. Kristina Jaškūnė (LAMMC)
9.15–9.35	Legislative proposal for plant NGTs: Implications for abiotic stress tolerance breeding. Asoc. Prof. Nils Rostoks (LU)
9.35–9.55	Perennial ryegrass <i>in vitro</i> culture and protoplasts. Dr. Cecilia Sarmiento (TalTech)
9.55–10.15	Molecular mechanisms underlying frost tolerance in forage grasses. Dr. Mallikarjuna Rao Kovi (NMBU)
10.15–10.35	Abiotic stress response in ryegrasses: Old problems and new opportunities. Dr. Gražina Statkevičiūtė (LAMMC)
10.35–10.55	Sensor-based plant phenotyping for breeding climate resilient crops. Dr. Rita Armonienė (LAMMC)
10.55–11.15	Breeding toolbox for sustainable food system of the Nordic-Baltic region. Dr. Gintaras Brazauskas (LAMMC)
11.15	Discussion, coffee

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TAL
TECH

“Improving adaptability and resilience of perennial ryegrass for safe and sustainable food systems through CRISPR-Cas9 technology – EditGrass4Food”,
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