

**Nutrients and Organic Matter in Soil – Experimental Results, Lecture Day**

Invited Lecturer: Laura Zavattaro (Professor at the University of Turin, Italy)

**Tápanyag és szerves anyag a talajban – kísérleti eredmények, előadónap (angol nyelven)**

Meghívott előadó: Laura Zavattaro, Torinói Egyetem, Olaszország

Nutrients and Organic Matter in Soil – Experimental Results, Lecture Day: the morning session explores the latest advances in soil and plant research. Presentations cover nitrogen dose experiments, the role of soil fauna in soil-plant systems, short-term effects of organic fertilizers on soil carbon and nutrient supply, and the impact of soil erosion on stream water quality in agricultural landscapes. The session provides a valuable opportunity to connect scientific insights with practical applications in sustainable agriculture.

**Date and Time: October 16, 2025, 10:00 – 13:00****Format:** Hybrid meeting (in-person and online)**Organized by:** Institute for Soil Sciences, Centre for Agricultural Research, HUN-REN (HUN-REN ATK TAKI)**In-person venue:**

Bay Zoltán Research Institute building, 1116 Budapest, Fehérvári út 132–144

(Entrance from Galvani Street), 2nd floor, Conference Room

**Join Zoom Meeting link:**<https://us06web.zoom.us/j/85723715888?pwd=W921zAB1laLQoaOGa4Lslrf9F5zBOK.1>

Meeting ID: 857 2371 5888

Passcode: 199404

**Participation is free of charge. If you plan to attend in person, please confirm your participation by October 15 via email: [bakacsi.zsofia@atk.hun-ren.hu](mailto:bakacsi.zsofia@atk.hun-ren.hu)****Planned Program** (Moderator – Zsófia Bakacsi, HUN-REN ATK TAKI)**10:00–10:05** – Welcome

- **10:05–11:30** – **Laura Zavattaro** (University of Turin): *Results of the TUDI Project, Data Sharing and Mobile Application Development*
- **11:30–11:45** – **Béla Pirkó** (ATK TAKI): *Possibilities for modifying the maximum nitrogen fertilisation values fixed in the Nitrates Directive.*
- **11:45–12:00** – **Veronika Gergócs** (ATK TAKI): *Unlocking soil nitrogen dynamics: The role of soil fauna in soil-plant mesocosm system with varying inputs*
- **12:00–12:15** – **Márk Rékási** (ATK TAKI): *Short-term effect of different organic fertilisers on labile soil organic carbon content and nutrient supply capacity*
- **12.15–12.30** – **Klára Pokovai** (ATK TAKI): *Quantifying the Legacy of Organic Input: FYM and Nitrogen Effects on Maize and Winter Wheat*
- **12:30–12:45** – **Ágota Horel** (ATK TAKI): *Soil erosion and stream water quality variation in an agriculturally dominated catchment*

**12:45–13:00** – Comments and Closing of the Meeting

All interested participants are warmly invited to join the event!