

*Tuesday late afternoon session Track A, Tuesday, Sep 23 2025, 16:00-17:45*

*Location: Main Hall*

**Session: Training and Education**

**Chair: Aleš Novak**

OR-22

**The Open Science Learning GATE - Supporting Capacity Building**

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The Open Science Learning Gate (GATE, [www.openscienceGATE.com](http://www.openscienceGATE.com)) is an initiative that aims to support responsible research conduct and foster trustworthy research and innovation. At the heart of GATE lies the commitment to professionalizing Open Science (education) within research and higher education environments. By harmonizing OS training and highlighting resources with community-driven principles, the GATE endeavours to uphold research integrity, research ethics, and the ethical use of artificial intelligence tools.

This presentation will delve into how the GATE acts as a catalyst for high-quality and customized OS training tailored to the needs of diverse actors within the OS ecosystem. We will explore the meticulous process of collecting, screening, and reflecting on educational resources to ensure adherence to current norms. We will show the integration of empirical data collection from training experts and the research community through the GATE service, crediting the GATE guidelines.

The talk will follow a design-based approach by first showing how the GATE intersects and collects data, then presenting what data was already collected for the target group of researchers and students, proceeding with an overview of what analyses will be used to develop an overview of 2025's open science standards.

Attendees will gain insights into the GATE's mechanism of enabling trainers to keep their training current, connecting their training efforts to a broader community through the GATE. By facilitating the dissemination of OS practices, the GATE supports the continuous development of research norms in response to rapidly changing research practices.

We would like to discuss and explore how the GATE's dedication to the principles of open science can promote responsible, reliable, and innovative research practices. We would discuss the course for the future of OS training and research integrity with the participants in the discussion.

References:

Heck, T., Scherp, G., & Weimer, V. (2025). Wrap-Up of the session "Bringing Open Science into action: The role of educating young researchers" at the EOSC Symposium 2024. EOSC Symposium 2024, Berlin, Germany. Zenodo. <https://doi.org/10.5281/zenodo.13982666>

Priess-Buchheit, J., Alavi, M., Müller-Karabil, A., & NERQ - Network for Education and Research Quality. (2025, Februar 11). Open Science Learning Gate. Zenodo. <https://doi.org/10.5281/zenodo.14851846>

Alavi, M., & Priess-Buchheit, J. (2024). The GATE Interim Report - May 2023 – December 2024 (Version 1). Zenodo. <https://doi.org/10.5281/zenodo.14549238>