



September 9-12, 2025

**The 18th International
Symposium on Advances
in Technology Education
(ISATE)**

***Bridging Borders:
Engineering Education
for Global Citizenship***
<https://isate2025.toyota-ct.ac.jp/>

Roundtable Submission Template

Name of Roundtable	Sharing experiences and innovative approaches to work-based learning	
Name of Facilitator(s)	Affiliation	Country
1. Meiju Keinänen	Turku University of Applied Sciences	Finland
Lead Facilitator Email:	meiju.keinanen@turkuamk.fi	

Sub-Theme (please select the closest match) (You may want to check the Call for Papers for examples)	Select One Only
ST1: Engineering Contributed to Welfare, from Health and Safety to Well-being	<input type="checkbox"/>
ST2: Pedagogical Innovation in Teaching & Learning	<input checked="" type="checkbox"/>
ST3: Artificial Intelligence in Teaching & Learning	<input type="checkbox"/>
ST4: Engineering Education for Global Citizenship	<input type="checkbox"/>

Overview of the Roundtable

A roundtable is an informal discussions of a topic related to teaching and learning proposed by a roundtable facilitator.

This roundtable focuses on discussion of work-based learning to create better pathways to meet the changing demand for skills, facilitate the access of young people and adults to the evolving labour market and build sustainable career pathways for all.

The aim of the roundtable is to the exchange of experiences, innovative approaches, and good practices regarding internships, apprenticeship training, work-based learning and business-education collaboration.

Keywords (4 or 5, separated by commas)

work-based learning, internships, apprenticeship training, business-education collaboration



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Activities

Include a brief summary of the proposed activities participants will undertake in the discussion, including some questions for discussion.

Welcome and introduction

At the beginning of the roundtable, the agenda and activities of the session are introduced, and brief introductions are made. Next, the concept of work-based learning from three different aspects: education-driven, student-driven and business-driven, is described. Additionally, some concrete examples are presented.

Activity 1. Pair/small group discussions

To discuss experiences, innovative approaches, and good practices regarding internships, apprenticeship training, work-based learning and business-education collaboration. Each pair or small group selects a spokesperson to summarize their discussion.

Activity 2. Sharing Outcomes of Discussions

To share the insights gained from the pair/small group discussions with all participants.

Activity 3. Closing remarks

To summarize key takeaways and feedback discussion. Additionally, if topics for co-development are identified, their continuation is agreed upon.

Target Audience

Explain who should attend this roundtable and outline any background knowledge required from participants.

Everyone who is interested in the topic is welcome to join.

Follow-Ups, if any

Are there any activities that is already envisioned for a follow-up from the roundtable, e.g. what participants are expected to do after ISATE 2025?

Hopefully, after the roundtable topics for co-development are identified and actions will start or some new ideas and practices to take home.

Resources Needed

The organizer will try as much as possible to provide the resources requested. Please be as detailed as possible. The organizer will contact the Lead Facilitator via the email address provided if clarification is needed.

Screen and computer for orientation presentation.

Flipchart-papers and pens for pair/small group discussions.