

Secondment report

TIRAMISU DC4.2

Fellow: Xiangrui Zeng
Research project title: “Case Study of Innovation Management for Edge AI Hardware Design Flow”
From: BFH
To: PDT
Secondment period: 06.01.2026 – 06.02.2026

Activities during the secondment

Scope and objectives

- Training on research methods and theories on innovation management and AI.
- Fulfill formal PhD courses.
- Practical understanding of the R&D workflow within the Tiramisu network.
- Research paper collaboration with PDT.

Activities

- PhD courses including Empirical Research Methods, Machine Learning in Manufacturing Applications, Human-AI Interaction, etc.
- Networking with PDT PhD students from outside the Tiramisu network.
- Multiple rounds of discussions with the PDT supervisor.

Main results achieved

- Poster and slide presentation of the work for each candidate in the winter workshop within Tiramisu network.
- Completion the study of coursework in theory and methodology.
- Finalizing first PhD paper for conference and journal submission together with PDT supervisor.

Next steps

- Journal submission for the collaborative paper.
- Preparation for the final evaluation of the courses in PDT .

Self-evaluation

Overall score

I consider this secondment successful, with regard to the research objectives achieved, skills developed, supervision quality and diversity of the resources. (Agree = 5 ... Disagree = 1)

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Optional comments

None

Date of the report approval by the supervisor: 15.04.2026

