

# Preface Education and Training Tack @REFSQ

Jennifer Hehn<sup>1,†</sup>, Birgit Penzenstadler<sup>2,†</sup> and Stan Bühne<sup>3,\*,†</sup>

<sup>1</sup> Bern University of Applied Sciences, Switzerland

<sup>2</sup> Chalmers University of Technology, Sweden

<sup>3</sup> IREB, Karlsruhe, Germany

## Abstract

The Education and Training track provided a collaborative space for industry practitioners, researchers, and educators to share RE best practices. With a focus on fostering exchange, the track featured three full papers, an extended abstract, and a workshop. The interactive format included regular presentations, a teaching workshop, and a world café session discussing AI's impact on RE education, sustainability, and domain-specific versus general RE education. The outcomes aimed to enhance RE competence through shared insights and continuous improvement in education approaches.

## Keywords

Requirements Engineering, Education, Sustainability, AI, Skills, Training

## 1. Introduction

With the Education and Training track at REFSQ we had the idea to establish a platform to let industry practitioners and academic researchers as well as education and training professionals share their best practices, tools and engage in open discussions about challenges and opportunities in educating Requirements Engineering.

The primary goal of this track was to foster an intensive exchange among participants, facilitating the sharing of new trends and best practices. By doing so, we aimed to enhance competence in Requirements Engineering and to promote continuous improvement in education and training approaches.

To set up our program we asked our communities for submissions focusing on the exchange between research institutes, industry, and higher education institutions with the aim to improve the practical application of Requirements Engineering.

---

*In: D. Mendez, A. Moreira, J. Horkoff, T. Weyer, M. Daneva, M. Unterkalmsteiner, S. Bühne, J. Hehn, B. Penzenstadler, N. Condori-Fernández, O. Dieste, R. Guizzardi, K. M. Habibullah, A. Perini, A. Susi, S. Abualhaija, C. Arora, D. Dell'Anna, A. Ferrari, S. Ghanavati, F. Dalpiaz, J. Steghöfer, A. Rachmann, J. Gulden, A. Müller, M. Beck, D. Birkmeier, A. Herrmann, P. Mennig, K. Schneider. Joint Proceedings of REFSQ-2024 Workshops, Doctoral Symposium, Posters \& Tools Track, and Education and Training Track. Co-located with REFSQ 2024. Winterthur, Switzerland, April 8, 2024.*

\* Corresponding author.

† These authors contributed equally.

✉ jennifer.hehn@bfh.ch (J. Hehn); birgit.p@chalmers.se (B. Penzenstadler); stan.buehne@ireb.org (S. Bühne)

ORCID 0000-0002-3961-6377 (J. Hehn); 0000-0002-5771-0455 (B. Penzenstadler);



© 2024 Copyright for this paper by its authors. Use permitted under Creative Commons License Attribution 4.0 International (CC BY 4.0).

## 2. Structure of the Track

For our program we accepted five submissions: three full papers, one extended abstract and one workshop presentation.

Our goal was to create an interactive format that would allow participants and authors to interact with each other to get the most out of the track.

We therefore decided to have combined formats in our track. In the morning, we started with three regular presentations providing sufficient room for discussions after the presentation. In the afternoon we had a workshop format with Björn Schuster and Silvio Moser about interactive teaching methods in Requirements Engineering. In the afternoon session we decided to have one experience report and reserve 60 min of our time for an interactive world café format where all participants and presenters were able to discuss about the following topics for 15 min each:

- Impact of AI in RE Education
- Importance of Sustainability in RE
- Domain-specific vs general RE Education

The results of the discussion were shared with the whole group at the end of the session.

## Acknowledgements

We would like to thank REFSQ for giving us the opportunity to set up this new Education and Training track at the conference.

We thank our Program Committee - Martina Beck, Wim Decoutere, Jose Luis de la Vara, Saad Ezzini, Anne Hess, Mohammad Moshirpour, Michael Tesar, Karolina Zmitrowicz for helping us in reviewing and providing their valuable feedback.

We say a big thank you to all contributors - Peter Bambazek, Iris Groher, Anthea Moravánszky, Samuel Fricker, Björn Schuster and Silvio Moser, Andrea Wohlgemuth – and finally, to participants without whom we would not be able to make this event happen.