

Talking Event

明治大学 国際交流基金事業
Researcher Mobility Grant

21st, May
(Thu), 2026
13:30 - 15:10

301 Classroom
Nakano Campus, Meiji Univ.
4-21-1 Nakano, Nakano-ku Tokyo

Experiencing Finland and Research Innovations in Medical Human Factors



UNIVERSITY
OF EASTERN
FINLAND

Dr. Hana Vrzakova, *Univeristy of Eastern Finland
Faculty of Science, Forestry, and Technology*

Short bio: Dr. Hana Vrzakova is Docent and Academy Research Fellow at School of Computing, University of Eastern Finland (Joensuu Campus). Her research interests span human-computer interaction (HCI) and human factors (HF) through the fusion of smart sensors (i.e., eye tracking and Garmin) and computational vision to computational understand how students learn and gain expertise.

Abstract: Finnish love for nature influences research and everyday work life. In the first part of the lecture, we will talk about how Finnish nature is reflected in Finnish school year, but also in design and engineering to support well-being and work-life balance.

The second part of the talk will focus more deeply on our research innovations at UEF with microsurgical specializations. The talk will cover basics of microsurgical training, the need for objective evaluation, and methods (incl. novel microscope eye tracking) that help both students and teachers in training.

Key topics: *Human Computer Interaction, Wearable sensors, Surgical Data Science*

Host: Minoru Nakayama, Department of Network Design,
School of Interdisciplinary Mathematical Sciences, Meiji University

Co-Host: Organisation for International Collaboration, Meiji University