

## Digitalization, Automation, AI and the Future Sustainable Work Environment

Online Course

3-4.5.2023 &amp; 31.5-1.6.2023

### PART I

Wednesday, 3.5.2023

9.30-9.45	NIVA welcome and general information	Linda Oksanen, NIVA
9.45-10.00	Presentation round	
10.00-10.30	Introduction: Scope and purpose of the course	Bengt Sandblad, Uppsala University
10.30-11.00	What is digitalization and automation all about? History and future of digitalization and automation	Bengt Sandblad, UU
11.00-11.15	<i>Break</i>	
11.15-11.45	What is AI all about? History and future of AI in work life	TBC
11.45-12.00	Q&A / Discussion	
12.00-13.00	<i>Lunch break</i>	
13.00-13.30	Work environment, occupational health and safety	Magdalena Stadin, Uppsala University
13.30-14.00	Group work / Q&A / Discussion	Åsa Cajander, Uppsala University

Thursday, 4.5.2023

10.00-10.30	Case 1: Examples of automation and AI in work life. What can we learn? Technology acceptance and User Experience of machine learning functions in accounting software	Torkil Clemmensen, Copenhagen Business School
10.30-10.45	Q&A / Discussion	
10.45-11.00	<i>Break</i>	
11.00-11.30	What are the problems? Challenges for the future	Bengt Sandblad, UU
11.30-12.00	Group work / Discussion	
12.00-13.00	<i>Lunch break</i>	
13.00-13.30	Assignments. Instructions for individual projects	Åsa Cajander, UU
13.30-14.00	Conclusion and closing of the first part of the course	Bengt Sandblad, UU

**PART II**

Wednesday, 31.5.2023

9.15–9.25	Welcome to the second part of the course and general information	<b>Linda Oksanen, NIVA</b>
9.25–10.00	Introduction and repetition	<b>Bengt Sandblad, UU</b>
10.00–10.30	Digitalization and automation. Development methods and processes. Change processes and leadership	<b>Jan Gulliksen, KTH Royal Institute of Technology</b>
10.30–10.45	Q&A / Discussion	
10.45–11.00	<i>Break</i>	
11.00–11.30	Case 2: Automation and AI in health care	<b>Åsa Cajander, UU</b>
11.30–12.00	Group work / Discussion	
12.00–13.00	<i>Lunch break</i>	
13.00–13.30	Case 3: From ships to office – designing maritime pilots' future work	<b>Virpi Roto, Aalto University</b>
13.30–14.00	Q&A / Discussion	

**Thursday, 1.6.2023**

10.00–10.45	Introduction to presentation of individual projects. Presentation of individual projects	<b>Åsa Cajander, UU</b>
10.45–11.00	<i>Break</i>	
11.00–12.00	Presentation of individual projects	<b>All participants</b>
12.00–13.00	<i>Lunch break</i>	
13.00–13.45	Conclusions. Final questions and answers	<b>Åsa Cajander, UU</b>
13.45–14.00	Closing of the course	<b>Bengt Sandblad, UU Linda Oksanen, NIVA</b>