



# HHAI2024

Hybrid Human AI Systems for the Social Good

Conference booklet

*June 10 - 14*  
*Malmö, Sweden*

## WiFi

Eduroam is available and you can also use the guest network.

SSID: MAUGUEST

Password: malmouniversity

# Content

<b>Program Overview</b>	<b>3</b>
<b>Contacting the Organisers</b>	<b>3</b>
<b>Venue – Malmö University</b>	<b>4</b>
Niagara	5
Orkanen	8
<b>Organizing Committee</b>	<b>9</b>
<b>HHAI Summer School</b>	<b>10</b>
<b>Pre-conference Program</b>	<b>11</b>
Tutorials	11
Creative Events	11
Workshops	12
Doctoral Consortium	13
<b>Main Conference Program</b>	<b>14</b>
June 12, Wednesday	14
June 13, Thursday	16
June 14, Friday	18
Posters and Demos	20
<b>Conference Proceedings</b>	<b>21</b>
<b>Practical information</b>	<b>22</b>
Wifi	22
Local Transport	22
Electricity	23
Drinking water	23
Currency / banks / ATMs	23
Tipping in Sweden	23
Health care / Emergency services	24
<b>Sponsors</b>	<b>25</b>

# Program Overview

	HHAI Summer School			HHAI Main Conference		
	Monday (June 10)	Tuesday (June 11)		Wednesday (June 12)	Thursday (June 13)	Friday (June 14)
8:30	Registration	Registration		Registration	Registration	Registration
9:00	Workshops & Tutorials	Workshops & Tutorials	Doctoral Consortium	<b>Opening Session</b>  <b>Keynote:</b> <b>Fosca Giannotti</b>	<b>Keynote:</b> <b>Mark Riedl</b>	<b>Keynote:</b> <b>Anastasia Varava</b>
10:15				Coffee Break (Poster Session)	Coffee Break (Poster Session)	Coffee Break
10:30	Coffee Break	Coffee Break				
11:00	Workshops & Tutorials	Workshops & Tutorials	Doctoral Consortium	<b>Session 1:</b> <b>LLMs and HI</b>	<b>Session 3:</b> <b>Humans and HI</b>	<b>Session 5:</b> <b>HI Applications</b>
13:00	Lunch	Lunch		Lunch	Lunch	Lunch (Town Hall Meeting)
14:00	Workshops & Tutorials	Workshops & Tutorials	Doctoral Consortium	<b>Session 2:</b> <b>Trust and HI</b>	<b>Session 4:</b> <b>HI Interactions</b>	<b>Session 6:</b> <b>Digital Humanities / Society and HI</b>
15:30	Coffee Break	Coffee Break		Coffee Break (Poster Session)	Coffee Break (Poster Session)	Coffee Break
16:00	Workshops & Tutorials	Workshops & Tutorials	Doctoral Consortium			
16:30				<b>Discovery Workshop:</b> <b>Advancing Sustainable Development Goals</b>	<b>Discovery Workshop:</b> <b>Methods for Hybrid Intelligence</b>	<b>Closing Session</b>
		Welcome Reception (17:30 – Atrium, Niagara)		Gala Dinner (18:30 – Atrium, Niagara)		

The registration opens at 8:30, coffee is provided, and the conference starts at 9:00.

Workshops, tutorials, creative events, and the Doctoral Consortium will take place on Monday and Tuesday, June 10 and 11. There are two 30-min coffee breaks (at 10:30 and 15:30) and lunch is provided between 13:00 – 14:00 at Niagara restaurant.

The main conference, keynotes, and discovery workshops will take place from Wednesday to Friday (June 12-14) as a single-track conference. The coffee breaks will be longer as they include the poster sessions, 10:15 – 11:00 and 15:30 – 16:30. Lunch is provided between 13:00 – 14:00 at Orkanen restaurant.

Poster sessions are taking place outside the main conference room during the coffee breaks on Wednesday and Thursday.

## Contacting the Organisers

If you should have any questions or concerns before or during the conference, you can contact the organisers by email: [registration@hhai-conference.org](mailto:registration@hhai-conference.org)

For **urgent** matters, you can use the following phone numbers

Fabian Lorig – +46 76 209 08 61

Jason Tucker – +46 40 665 78 85

# Venue – Malmö University

HAI 2024 is hosted at Malmö University, which is the southernmost and second youngest university of Sweden. Malmö is Sweden's third biggest city and can be easily reached by train, bus, car, and plane.



The pre-conference program on June 10-11 will take place at Malmö University's **Niagara** building. This includes the workshops, tutorials, creative events, and the Doctoral Consortium. For the rooms, please check the detailed pre-conference program online.

Address for Niagara: [Nordenskiöldsgatan 1, 211 19 Malmö](#)

The main conference on June 12-14 and will take place at Malmö University's **Orkanen** building and is organised as a single-track program. The room is **OR:D138**.

Address for Orkanen: [Nordenskiöldsgatan 10, 211 19 Malmö](#)

# Niagara

[Nordenskiöldsgatan 1, 211 19 Malmö](#)

The Niagara building has three entrances, and you can use any of them. The workshops, tutorials, and the Doctoral Consortium will take place on the **3rd to 5th floor**. All rooms for the HHAJ pre-conference program are located in the A part of the building, which is the southwesterly part.

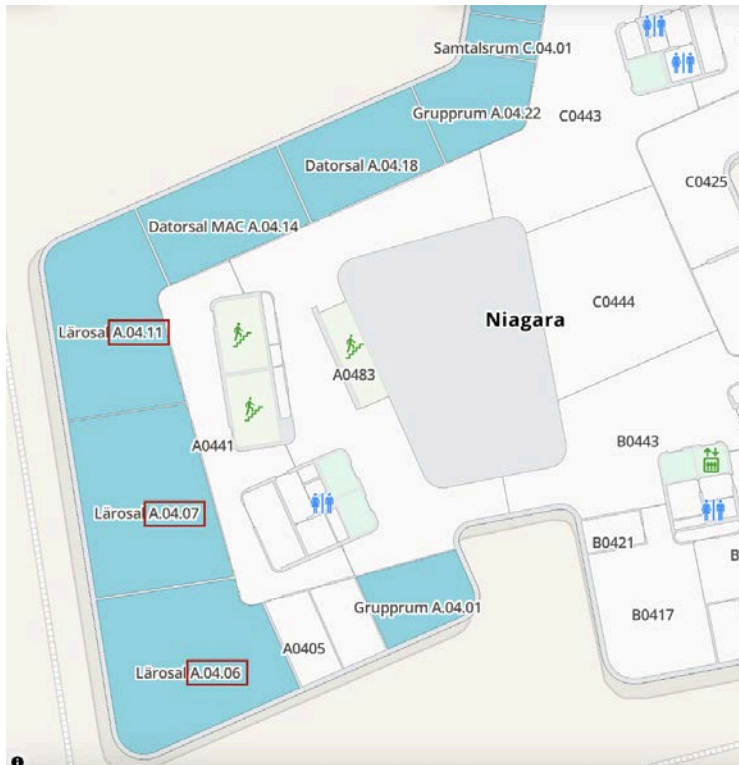


## Niagara 3rd floor

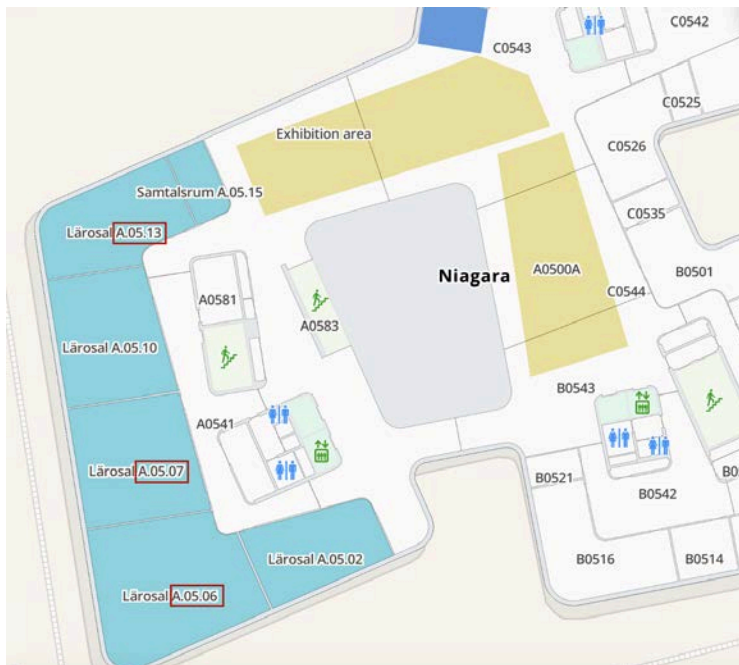
*(Rooms NI:A0306, NI:A0307, and NI:A0311)*



**Niagara 4th floor**  
**(Rooms NI:A0406, NI:A0407, and NI:A0511)**



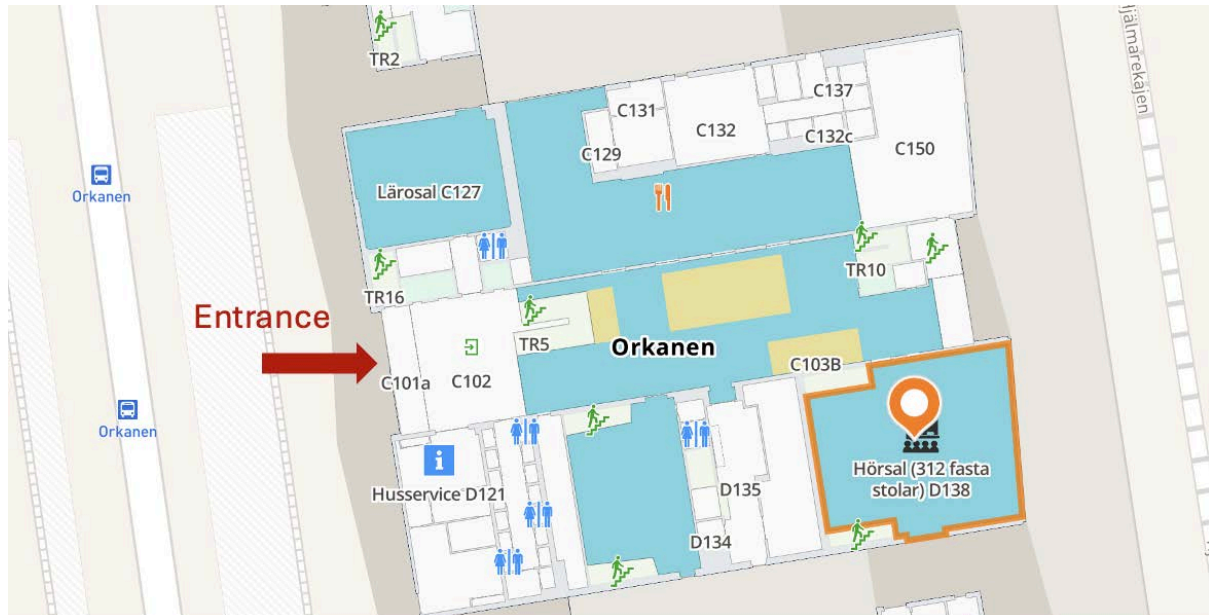
**Niagara 5th floor**  
**(Rooms NI:A0506, NI:A0507, and NI:A0513 as well as coffee breaks in Exhibition Area)**



# Orkanen

[Nordenskiöldsgatan 10, 211 19 Malmö](#)

The main entrance of Orkanen is located in the C part of the building and can be reached from the street side of the building (Nordenskiöldsgatan). You will find the lecture hall (**OR:D138**), where the main track will take place, on your right hand side.



# Organizing Committee

## **Conference Chairs**

Fabian Lorig (Malmö University, SE)  
Jason Tucker (Malmö University, SE)  
Adam Dahlgren Lindström (Umeå University, SE)  
Frank Dignum (Umeå University, SE)

## **Program Chairs**

Pradeep Murukannaiah (TU Delft, NL)  
Andreas Theodorou (Universitat Politècnica de Catalunya, ES)  
Pinar Yolum (Utrecht University, NL)

## **Workshop and Tutorial Chairs**

Petter Ericsson, (Umeå University, SE)  
Nina Khairova (Umeå University, SE)  
Marina de Vos (University of Bath, UK)

## **Demo and Poster Chairs**

Michael Belfrage (Malmö University, SE)  
Cezara Pastrav (Umeå University, SE)

## **Doctoral Consortium Chairs**

Passant El.Agroudy (DFKI, DE)  
Michiel van der Meer (Leiden University, NL)  
Harko Verhagen (Stockholm University, SE)

## **Diversity and Inclusion Chairs**

Emil Johansson (Malmö University, SE)  
Annet Onnes (Utrecht University, NL)

## **Satellite Events and Industry Chairs**

Sandor Albrecht (Knut och Alice Wallenbergs Foundation, SE)

## **Publicity and Social Media Chairs**

Jesse Grootjen (LMU Munich, DE)  
Julian Rasch (LMU Munich, DE)

## **Student Volunteer Chairs**

Andreas Brännström (Umeå University, SE)  
Leila Methnani (Umeå University, SE)

## **Finance Chairs**

Tatyana Sarayeva (Umeå University, SE)

## **Web Chair**

Bertilla Fabris (Malmö University, SE)



# HHAI Summer School

As part of HHAi 2024, the first edition of the HHAi Summer School will take place. Students are invited to participate in a series of dedicated events that explore the cooperation between humans and intelligent systems. As part of the pre-conference program, leading researchers and experts from industry will offer a series of tutorials, workshops, and other events of cutting-edge topics related to Hybrid Human-Artificial Intelligence.

To receive a certificate of attendance, students need to attend the following sessions:

- Monday – Tuesday: Four tutorials or three tutorials and the doctoral consortium
- Wednesday – Friday: The discovery workshops and keynotes
- Attending the other session of the main conference is advised.

## Schedule

	<b>Morning (9:00-13:00)</b>	<b>Afternoon (14:00-18:00)</b>
<b>Day 1 (June 10)</b>	Human-AI mutual promotion for emotion and cognition understanding [NI:A0406]	Collaborative HAI-Learning through Conceptual Exploration [NI:A0406]
	Introduction to HAI [NI:A0306]	Tutorial on Contextualizing and Executing Robot Manipulation Plan Using Web Knowledge [NI:A0306]
<b>Day 2 (June 11)</b>	An Introduction to Computational Argumentation [NI:A0311]	Knowledge Engineering for Hybrid Intelligence (KE4HI) [NI:A0407]
	Interactive Concept-based Search [NI:A0407]	
	Doctoral Consortium [NI:A0507]	
<b>Day 3 (June 12)</b>	Keynote: Fosca Gianotti (9:15-10:15) [OR:D138] Discovery Workshop: Advancing Sustainable Development Goals (16:30-17:30) [OR:D138]	
<b>Day 4 (June 13)</b>	Keynote: Mark Riedl (9:00-10:15) [OR:D138] Discovery Workshop: Methods for Hybrid Intelligence (16:30-17:30) [OR:D138]	
<b>Day 5 (June 14)</b>	Keynote: Anastasia Varava (9:00-10:15) [OR:D138]	

# Pre-conference Program

As part of the pre-conference program on June 10 and 11, a series of tutorials, workshops, creative events, and a doctoral consortium will take place. Some of these events are also part of the HHA Summer School.

All morning sessions take place from **09.00 to 13.00**, with a coffee break at **10.30**.  
All afternoon sessions take place from **14.00 to 18.00**, with a coffee break at **15.30**.

## Tutorials

### **Interactive Concept-based Search**

*(June 11, 9-13, NI:A0407)*

Organizer(s): Amiram Moshaiov

### **Human-AI mutual promotion for emotion and cognition understanding**

*(June 10, 9-13, NI:A0406)*

Organizer(s): Haoyu Chen, Andy Nguyen, Yang Liu and Sanna Järvelä

### **An Introduction to Computational Argumentation**

*(June 11, 9-13, NI:A0411)*

Organizer(s): Elfia Bezou-Vrakatseli, Daphne Odekerken and Andreas Xydis

### **Collaborative HAI-Learning through Conceptual Exploration**

*(June 10, 14-18, NI:A0406)*

Organizer(s): Bernhard Ganter, Tom Hanika, Johannes Hirth and Sergei Obiedkov

### **Knowledge Engineering for Hybrid Intelligence (KE4HI)**

*(June 11, 14-18, NI:A0407)*

Organizer(s): Ilaria Tiddi, Victor de Boer and Stefan Schlobach

### **Tutorial on Contextualizing and Executing Robot Manipulation Plans Using Web Knowledge**

*(June 10, 14-18, NI:A0306)*

Organizer(s): Michael Beetz, Philipp Cimiano, Michaela Kümpel, Jan-Philipp Töberg and Ilaria Tiddi, Enrico Motta

### **Introduction to Human Hybrid AI**

*(June 10, 9-13, NI:A0306)*

Organizer(s): John Shawe-Taylor, Frank van Harmelen, Virginia Dignum, Frank Dignum

## Creative Events

### **The What-is-HI Competition**

*(June 10, 14-18, NI:A0407)*

Organizer(s): Davide Dell'Anna, Bernd Dudzik, Davide Grossi, Catholijn Jonker, Pradeep Kumar Murukannaiah and Pinar Yolum

## Workshops

### **AI in Africa and SDGs: Bridging Networks and Fostering Climate Action**

*(June 11, 9-13, NI:A0311)*

Organizer(s): John Shawe-Taylor, Davor Orlic and Essa Mohamedali

### **Stimulating cognitive engagement in hybrid decision-making: friction, reliance and biases**

*(June 11, 14-18, NI:A0311)*

Organizer(s): Chiara Natali, Brett Frischmann and Federico Cabitza

### **Hybrid Intelligence for Health Care**

*(June 10, 9-18, NI:A0307)*

Organizer(s): Chenxu Hao, Mark Neerincx, Myrthe Tielman, Jasper van der Waa and Maaïke de Boer

### **Imagine the AI Landscape after the AI Act**

*(June 10, 9-18, NI:A0311)*

Organizer(s): Francesca Pratesi, Desara Dushi and Francesca Naretto

### **Communication in Human-AI Interaction : A Multi-Perspective Approach (CHAI)**

*(June 10, 9-18, NI:A0513)*

Organizer(s): Jennifer Renoux, Jasmin Grosinger, Marta Romeo, Kiran M. Sabu, Kim Baraka and Victor Kaptelinin

### **MULTITRUST – Multidisciplinary Perspectives on Human-AI Team Trust**

*(June 11, 9-18, NI:A0307)*

Organizer(s): Myrthe Tielman, Morgan Bailey, Francesco Frattolillo and Andre Meyer-Vital

### **Workshop on Responsible Applied Artificial Intelligence (RAAIT)**

*(June 11, 9-18, NI:A0506)*

Organizer(s): Maaïke Harbers, Stefan Leijen, Pascal Wiggers, Marieke Peeters, Saskia Robben, Roland van Dierendonck, Fabian Kok, Sophie Horsman and Tiwánee van der Horst

### **Exploring Tangible AI with Theory Instruments**

*(June 11, 14-18, NI:A0411)*

Organizer(s): Jacob Buur, Mette Gislev Kjærsgaard, Ona Pirol and Jessica Sorenson

### **An Ecology of AI – Reflections for Researchers 2nd Workshop**

*(June 11, 14-18, NI:A0406)*

Organizer(s): Retno Larasati, Venetia Brown, Tracie Farrell, Soraya Kouadri Mostefaoui and Syed Mustafa Ali

## Doctoral Consortium

The Doctoral Consortium will take place on Tuesday the June 11 from 9:00 – 18:00. Please note that the HHAi2024 Doctoral Consortium will take place in **NI:A0507**, in the Niagara Building, Nordenskiöldsgatan 1, 211 19 Malmö.

### Keynotes

- Wendy Mackay – How to scope & write your thesis
- Keynote Stephen Brewster – How to succeed & fail in your PhD

Andrea Monaldini

*Neuro-Symbolic Approach for Tantrum Monitoring and Prevention in Individuals with Autism Spectrum Disorder: a Protocol for Virtual Agents*

Jack McKinlay

*Towards Value Alignment for Opaque Agents through Concept Analysis and Inter-Agent Value Modelling*

Alec Parise and Brian Mac Namee

*Explainable Interactive Machine Learning using Prototypical Part Networks for Medical Image Analysis*

Eya Ben Chaaben

*Exploring Human-AI collaboration and explainability for sustainable ML*

Gleb Vzorin

*Integrating Minds and Machines: The Role of Digital Externalization in Evolving Cognitive Architectures*

Maria Hartikainen

*Investigations to Facilitate Human-Centred AI Development in Manufacturing*

Giacomo Zamprogno

*Hypothesis Updating by Combining Knowledge Graphs and Argumentation*

Henry Maathuis

*Developing Meaningful Explanations for Machine Learning Models*

Joanna Sorysz

*AI and wearables fusion as an assistant in physical therapy and sport training.*

Thomas Quadt

*Interactive Multi-Objective Optimization for Military Helicopter Route Planning*

Xiaohan Peng

*Designing Expressive Interaction with Generative Artificial Intelligence*

Detailed program: <https://hhai-conference.org/2024/accepted-doctoral-consortium/>

# Main Conference Program

For main track full papers (full paper), 25 minutes are allocated. Blue-sky track (**blue-sky**) and working papers (**working**) have 15 minutes each. When preparing their presentations, authors are asked to consider time for questions as well.

The **posters and demos** will be presented during the coffee breaks on Wednesday and Thursday, starting at 10:15 and 15:30.

## June 12, Wednesday

### 8:30 Registration

### 9:00 Introduction

### 9:15 Keynote: Fosca Giannotti (Scuola Normale Superiore, Pisa)

### 10:15 Coffee Break with Poster Session

### 11:00 Session 1 (LLMs and HI)

#### **Trust in AI Chatbots: The Perceived Expertise of ChatGPT in Subjective and Objective Tasks**

By Maike Ramrath, Alisa Scharmann, Annika Ridder, Tristan Kühn, Sophie Weller and Nicole Krämer

#### **Unreflected Acceptance – Investigating the Negative Consequences of ChatGPT-Assisted Problem Solving in Physics Education**

By Lars Krupp, Steffen Steinert, Maximilian Kiefer-Emmanouilidis, Karina E. Avila, Paul Lukowicz, Jochen Kuhn, Stefan Küchemann and Jakob Karolus

#### **LLM-Augmented Agent-Based Modelling for Social Simulations: Challenges and Opportunities**

By Önder Gürcan

#### **Exploring Large Language Models Capabilities to Explain Decision Trees**

By Paulo Bruno Serafim, Pierluigi Crescenzi, Gizem Gezici, Eleonora Cappuccio, Salvatore Rinzivillo and Fosca Giannotti

#### **LLM generated word association norms**

By Katherine Abramski, Clara Lavorati, Giulio Rossetti and Massimo Stella

#### **Towards Effective Management of Verbal Probability Expressions Using a Co-learning Approach**

By Christian Fleiner and Joost Vennekens

**13:00 Lunch (provided)**

**14:00 Session 2 (Trust and HI)**

**Formal Specification of Actual Trust in Multiagent Systems**

By Michael Akintunde, Vahid Yazdanpanah, Asieh Salehi Fathabadi, Corina Cirstea, Mehdi Dastani and Luc Moreau

**The Influence of Interdependence on Trust Calibration in Human-Machine Teams**

By Ruben Verhagen, Alexandra Marcu, Mark Neerinx and Myrthe Tielman

**Human-AI Engineering for Adults**

By André Meyer-Vitali and Wico Mulder

**Evaluating Generative AI Incidents: an Exploratory Vignette Study on the Role of Trust, Attitude and AI Literacy**

By Esther Kox and Beatrice Beretta

**15:30 Coffee Break with Poster Session**

**16:30 Discovery Workshop – Advancing Sustainable Development Goals**

**18:00 Gala Dinner (Atrium, Niagara)**

June 13, Thursday

**8:30 Registration**

**9:00 Keynote: Mark Riedl (Georgia Tech School of Interactive Computing)**

**10:15 Coffee Break with Poster Session**

**11:00 Session 3 (Humans and HI)**

**Investigating Labeler Bias in Face Annotation for Machine Learning**

By Luke Haliburton, Sinksar Ghebremedhin, Robin Welsch, Albrecht Schmidt and Sven Mayer

**Exploring the Dynamic Nature of Trust Using Interventions in a Human-AI Collaborative Task**

By Sachini Weerawardhana, Michael Akintunde and Luc Moreau

**In Search of Clarity: Discerning Between Human Replacement and Augmentation**

By Costanza Alfieri, Martina De Sanctis, Donatella Donati and Paola Inverardi

**Assisting Users in Privacy Conflicts with Partially Observable Multi-Agent Reinforcement Learning**

By Hüseyin Aydın

**Using Default Logic to Create Adaptable User Models for Behavior Support Agents**

By Johanna Wolff, Victor de Boer, Dirk Heylen and M. Birna van Riemsdijk

**An Interactive Interface For Feature Space Navigation**

By Eleonora Cappuccio, Isacco Beretta, Marta Marchiori Manerba and Salvatore Rinzivillo

**13:00 Lunch (provided)**

**14:00 Session 4 (HI Interactions)**

**“Computer, Generate!” – Investigating User-Controlled Generation of Immersive Virtual Environments**

By Carina Liebers, Niklas Pfützenreuter, Jonas Auda, Uwe Gruenefeld and Stefan Schneegass

**Effective Maintenance of Computational Theory of Mind for Human-AI Collaboration**

By Emre Erdogan, Frank Dignum and Rineke Verbrugge

**Common Ground Provides a Mental Shortcut in Agent-Agent Interaction**

By Ramira van der Meulen, Rineke Verbrugge and Max van Duijn

**Building a Stronger Case: Combining Evidence and Law in Scenario-Based Bayesian Networks**

By Ludi van Leeuwen, Bart Verheij, Rineke Verbrugge and Silja Renooij

**Semantic and Composable Glyphs to Represent AI Systems**

By Alexis Ellis, Brandon Dave, Hugh Salehi, Cogan Shimizu and Subhashini Ganapathy

**15:30 Coffee Break with Poster Session**

**16:30 Discovery Workshop – Methods for Hybrid Intelligence**



June 14, Friday

**8:30 Registration**

**9:00 Keynote: Anastasia Varava (SEBx)**

**10:15 Coffee Break**

**11:00 Session 5 (HI Applications)**

**Hybrid Intelligence in Academic Writing: Examining Self-Regulated Learning Patterns in AI-Assisted Writing**

By Andy Nguyen, Faith Ilesanmi, Belle Dang, Eija Vuorenmaa and Sanna Järvelä

**TA Conversational Agent for Structured Diary Construction Enabling Monitoring of Functioning & Well-being**

By Piek Vossen, Selene Baez Santamaria and Thomas Baier

**Beyond Skills: The Role of Values in Job Seeking in the Era of Industry 5.0**

By Ajaya Adhikari, Quirine Smit, Joost A.G.M. van Genabeek, Steven Dhondt and Cor J. Veenman

**Empathic AI for Dementia Care: Using Reinforcement Learning for Personalized Interventions Support in Eating and Drinking Scenarios**

By Wen-Tseng Chang, Shihan Wang, Stephanie Kramer, Michel Oey and Somaya Ben Allouch

**Human-AI Collaboration in Smart Manufacturing: Concepts and Framework for Design**

By Maria Hartikainen, Guna Spurava and Kaisa Väänänen

**Human-Aware Planning for Situational Awareness in Indoor Police Interventions**

By Joost Vossers, Andreas Brännström, Erik Borglund, Jonas Hansson and Juan Carlos Nieves

**13:00 Lunch + Town Hall Meeting (provided)**

**14:30 Session 6 (Digital Humanities/Society and HI)**

**Assessing the HI-ness of Virtual Heritage applications with Knowledge Engineering**

By Delaram Javdani Rikhtehgar, Ilaria Tiddi, Shenghui Wang, Stefan Schlobach and Dirk Heylen

**Hybrid Intelligence for Digital Humanities**

By Victor de Boer and Lise Stork

**The Eve of AI: Reclaiming Womanhood Through Co-Design With Artificial Intelligence**  
By Sangeetha Ramanath

**Playing the Imitation Game: Human-AI Simulators in Pedagogic Design**  
By Florentina Armaselu

**15:30 Coffee Break and Closing Session**

## Posters and Demos

The poster and demo sessions will take place during the coffee and lunch breaks on June 13 and 14.

Why Do You Think This Person Is Introverted? Towards Conversational Argumentative Explainability

*Alexander Berman*

Cognitive network science reveals bias in GPT-3, GPT-3.5 turbo, and GPT-4 mirroring math anxiety in high-school students

*Katherine Abramski, Salvatore Citraro, Giulio Rossetti, Massimo Stella and Luigi Lombardi*

The Impact of Mixed-Initiative on Collaboration in Hybrid AI

*Leila Methnani, Adam Dahlgren and Virginia Dignum*

A hybrid intelligent change management approach to generative AI adoption

*Jacob Friis Sherson*

Operational criteria of hybrid intelligence for generative AI virtual assistants

*Jacob Sherson, Janet Rafner and Safinaz Büyükgüzel*

Keep Gesturing: A Game for Pragmatic Communication

*János Adrián Gulyás, Miklós Máté Badó, Kristian Fenech and Andras Lorincz*

Facilitating Human Feedback for GenAI Prompt Optimization

*Jacob Sherson and Florent Vinchon*

Institutional Modelling: a Case Study of the Swedish Organ Donation System

*Bertilla Fabris, Michael Belfrage and Fabian Lorig*

ChatGPT May Foster Human Gist Memory While Offloading Less Sufficient Information

*Gleb Vzorin, Vasilissa Petrova and Anna Sedykh*

AI + Object Making & Creative Content

*Kio Zhu, William Nickley and Grace Gerber*

Intelligent Support Systems for Lifestyle Change: Integrating Dialogue, Information Extraction, and Reasoning

*Pei-Yu Chen, Floris den Hengst, Selene Baez Santamaria, Bart A. Kamphorst, Maaike H. T. de Boer, Johanna Wolff, Shihan Wang and Quirine Smit*

What happens to a robotic startup while it matures

*Alexandra Hettich*

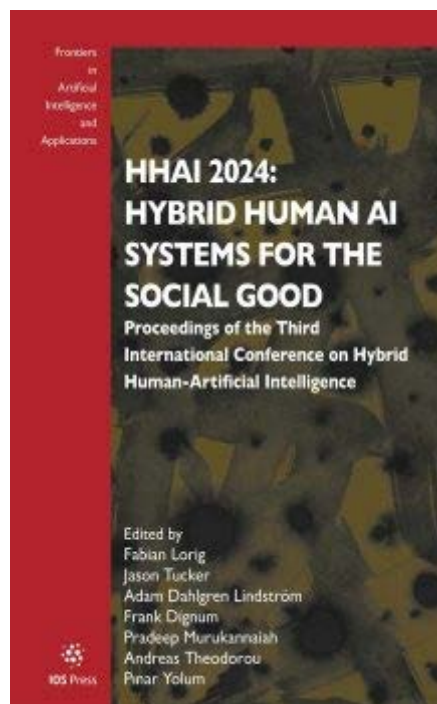
Value-Sensitive Disagreement Analysis for Online Deliberation

*Michiel van der Meer, Piek Vossen, Catholijn Jonker and Pradeep Murukannaiah*

# Conference Proceedings

The proceedings of HHAi 2024 are part of the Frontiers in Artificial Intelligence and Applications (FAIA) series. The FAIA series is indexed in ACM Digital Library, DBLP, Google Scholar, Scopus, Web of Science and other notable indices.

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<https://ebooks.iospress.nl/ISBN/978-1-64368-522-9>

The official proceedings contain the papers from the main track, the extended abstracts from the posters and demos track, as well as the research proposals from the Doctoral Consortium.

The papers from the workshops will be published in a separate volume.

# Practical information

## Wifi

Malmö University uses the EDUROAM network, which is an encrypted network and a collaboration between a large number of universities around the world. You can log into the network using credentials provided by your university or institution.

In case you cannot access the EDUROAM network, you can use the Malmö Guest Network (MAUGUEST). You can log in via Facebook, Twitter, Google, or via text message. The connection lasts for 12 hours and requires re-login at the end of that time.

1. Choose to connect to the **MAUGUEST** wireless network.
2. Enter the security key: **malmouniversity**
3. Open a web browser.
4. Read and accept the user's rights and obligations.
5. Choose how you want to log in by clicking on the Facebook, Google or Twitter icon.

You can also log in via text message by selecting SELF SERVICE from the menu.

## Local Transport

Arriving via Copenhagen Airport (Kastrup – CPH), you can take the commuter train to Malmö, which leaves from Terminal 3. The trains (“Öresundståg”) depart in 10 to 20 minute intervals and the trip will take around 25 minutes. A one-way ticket costs 150 SEK (13€) and can be purchased at the ticket machines at CPH Airport or via the Skånetrafiken app. The conference venue is located close to Malmö Central Station (Malmö C).

A Taxi from CPH Airport to Malmö will cost around 1000 SEK (90€) and take approximately 35 minutes.

From Malmö Airport (Sturup – MMX), which is a smaller airport, there is a bus service to Malmö city, which departs depending on arriving and departing aircrafts. You can find the timetable at <https://www.flygbussarna.se/en/malmo>

A Taxi from MMX Airport to Malmö will cost around 600 SEK (55€) and take approximately 30 minutes.

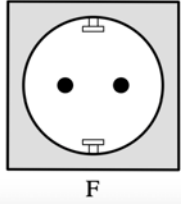
In Malmö, bus timetables can be found via the Skånetrafiken app, where you can also purchase tickets. Alternatively, you can use a contactless credit card to pay for your journey.

[Skånetrafiken app \(Android\)](#)

[Skånetrafiken app \(iOS\)](#)

## Electricity

For Sweden, the most used plug type is type F. Sweden operates on a 230V supply voltage and 50Hz.



See also: <https://www.electricalsafetyfirst.org.uk/>

## Drinking water

Tap water in Sweden is of high quality and is perfectly safe to drink.

## Currency / banks / ATMs

The Swedish currency is the krona SEK (plural “kronor”) and equals 100 öre.

Sweden is widely regarded as one of the most **cashless** societies. Most of the country’s bank branches have stopped handling cash; many shops, museums and restaurants now only accept card or mobile payments. Most terminals in stores are supporting the use of paying with contactless cards.

1 SEK ≈ 0.096 USD  
1 USD ≈ 10.380 SEK

1 SEK ≈ 0.088 EUR  
1 EUR ≈ 11.294 SEK

If you need to withdraw money, a map of ATMs (“Bankomat”) can be found here:  
<https://www.bankomat.se/karta/>

Source: <https://visitsweden.com/about-sweden/currency-prices/>

## Tipping in Sweden

When eating out in Sweden it is common to round up to the nearest big number, e.g., when the bill is 280 SEK, you can round up to 300 SEK.

Giving a small tip is a nice way of saying thanks for friendly service. However, tip is not expected and if you don’t leave a tip even it’s unlikely anyone would be offended.

See also: <https://visitsweden.com/about-sweden/tipping/>

## Health care / Emergency services

If you are on a visit in Sweden and become ill or get injured, call **1177** for information about illnesses and about where to find your nearest healthcare centre. In case of emergency, call **112** for an ambulance.

People from other countries who become ill while temporarily in Sweden are entitled to emergency care, or necessary care which cannot be postponed until they return home.

See also: <https://www.krisinformation.se/en/finding-help-and-services/>

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