



Conference Programme — Siena, Italy · 15–18 September 2026

Overview

Time	15	16 – Track A	16 – Track B	17 – Track A	17 – Track B	18 – Track A	18 – Track B
8:30 – 9:30		Registration		Registration			
9:30 – 10:00		Institutional Greetings		Physical Health, Rehabilitation and Occupational Ergonomics	AI in Professional and Organisational Practice	Explainable Systems, Infrastructure and Evaluation Methods	Physiological and Behavioural Measurement Methods
10:00 – 10:30		Keynote speech (Agnieszka Wykowska)					
10:30 – 11:00							
11:00 – 11:30		Coffee break		Coffee break		Coffee break	
11:30 – 12:00		Training, Learning and Simulation Technologies	Generative AI, Identity and Creative Cognition	Mobility, Autonomous Vehicles and Collaborative Design	Social Perception, Identity and Self-Presentation	ECRs end meeting	
12:00 – 12:30						Awards (papers, ECR papers, Announcements, Greetings)	
12:30 – 13:00							
13:00 – 13:30		Lunch		Lunch		Lunch	
13:30 – 14:00							
14:00 – 14:30		Poster Presentations (5 min per author)		AI Trust and Autonomy in Human-Machine Systems			
14:30 – 15:00	Workshop on Cognition and LLMs	Poster exhibition					
15:00 – 15:30							
15:30 – 16:00		Psychological Wellbeing and Behavioural Health		General Assembly			
16:00 – 16:30							
16:30 – 17:00							
17:00 – 17:30		Coffee break					
17:30 – 18:00	Welcome reception						
18:00 – 18:30		Keynote (Santa Chiara) – Patrizia Marti		Keynote (Contrada) – Harry Witchel			
18:30 – 19:00							
19:00 – 19:30		Welcome reception + ECRs welcome meeting		Presentation of the Contrada			
19:30 – 20:00							
20:00				Social dinner			

Venue

Main venue: Palazzo San Niccolò, Via Roma 56, Siena — University of Siena.

1st ECCE Workshop on Cognition and Large Language Models (15 September): Santa Chiara Lab, Siena — registered participants only.

16 September keynote: Santa Chiara Lab.

Detailed Programme by Day

Wednesday, 16 September

10:00 – 11:00

Keynote speech — Humanoid robots as social partners

Speaker: Agnieszka Wykowska

Room: Room 145

11:30 – 13:00

Track A — Training, Learning and Simulation Technologies

Chair: Achim Ebert

Room: Room 145

- **[18] (long)** Designing Growth Mindset-Inspired Feedback Messages Tailored to Learning Behaviors Using LLM and Persuasive Strategies — Mehnuma Tabassum Omar, Parham Moradi, Ogoti Sasha and Julita Vassileva
- **[31] (long)** Modeling Learning Practices Informed by Mindset Theory for Adaptive Educational Systems — Mehnuma Tabassum Omar, Nafisul Kiron and Julita Vassileva
- **[55] (long)** Clean or simplistic? Testing a lower granularity algorithmic explainer for users' comprehension, trust, and preference — Anna Spagnoli, Elena Capuozzo, Valentina Zaccaria, Olivia Casadei, Suleyman Ozturk, Idil Akyurt, Arianna Stropeni and Gian Antonio Susto
- **[9] (wip)** Robot assistants during high mental workload: Understanding Task-Specific Load in Human–Robot Interaction — Valentina Cesari, Jacopo Elettari and Agnieszka Wykowska
- **[17] (wip)** Towards Intelligent Virtual Agents for Visual Monitoring of Assembly Tasks — Sofie Magdalena Schwenkreis, Vera Marie Memmesheimer and Achim Ebert

Track B — Generative AI, Identity and Creative Cognition

Chair: Christof van Nimwegen

Room: Room 149

- **[6] (long)** Generative AI Makes Creative Output More Homogeneous — Alwin de Rooij and Michael Mose Biskjaer
- **[48] (long)** When AI Answers Too Soon: The Displacement of Reflective Inquiry in Design — Peter Dalsgaard
- **[54] (long)** The Generation Effect and AI-Assisted Writing: Towards a Framework of Cognitive Fidelity — Peter Dalsgaard
- **[15] (wip)** Gender Representation in Chatbot Design: Implications for User Experience — Christof van Nimwegen and Lotte Consten
- **[35] (wip)** "AI will figure it out": System Compensation and Intent Deferral in Open-Ended Generative AI Interfaces — Paulo Ferreira and Sonia Sousa

14:00 – 14:30

Poster Presentations (5 min per author)

Room: Room 145

- [3] (*poster*) Towards a Better Understanding of Connectedness: An Exploratory Study of Items on the Work Desk — Robert Dominic Cobb and Tom Gross
- [28] (*poster*) “Stop talking to me like we’re friends.” Analysis of online discussions between users on the conversational style of ChatGPT — Nadia Gauducheau, Michel Marcoccia and Aurélien Bénel
- [62] (*poster*) Processing of Real and AI-Generated Human Faces: An Exploratory EEG Study — Saryz Taha Mamsheli, Amanda Tunes Paulsen, Enrico Cipriani and Simone Grassini
- [63] (*poster*) Preventing Context Collapse in Human–AI Knowledge Work Using Checkable Governance — Iren Irbe
- [65] (*poster*) Human vs. Device Mediation in gamified selection: fairness perceptions and technology acceptance — Morena Santoriello, Michela Cortini, Alessandra Talamo, Silvia Marocco and Teresa Galanti
- [11] (*poster*) Jaywalking Rates at Crossings in Single- and Two-Refuge-Island Intersections on Roads with Bus-Only Lanes — Yossi Amgar and Assaf Botzer

15:30 – 17:00

Psychological Wellbeing and Behavioural Health

Chair: Maurice Mulvenna

Room: Room 145

- [26] (*long*) Employer organisations and counsellor attitudes towards digital interventions for mental health and wellbeing within the workplace: A qualitative analysis — Gillian Cameron, Maurice Mulvenna, Edel Ennis, Raymond Bond, Siobhan O'Neill and David Cameron
- [7] (*long*) Symptoms matters: commonality and variability of gaming disorder symptoms across 35 countries — Ala Yankouskaya, Mohamed Basel Almourad, Magnus Liebherr, Justin Thomas, Guandong Xu and Raian Ali
- [42] (*long*) Adaptive exposure therapy for Social Anxiety Disorder: a preliminary validation in virtual reality — Sergio Frumento, Noemi Paparo, Martina Briglia, Matteo Martini, Manuela Chessa, Alberto Greco and Danilo Menicucci
- [10] (*short*) Analyzing the Interest in Digital Wellbeing Services: Are People More Willing to Pay for Them on Social Network Sites or Messaging Platforms? — Sameha Alshakhsi, Areej Babiker, Dena Al-Thani, Cornelia Sindermann, Christian Montag and Raian Ali
- [20] (*short*) The Fear of AI is the Fear of Looking in the Mirror: Low Trait Honesty-Humility Predicts Individual Perceived Likelihood of Future Apocalyptic AI Scenarios Through Beliefs in a Competitive World — Enrico Cipriani, Danilo Menicucci and Simone Grassini

18:00 – 19:00 (Santa Chiara Lab)

Keynote speech — The Future Is More Than Human: Cultivating Adaptive Relationships Among Humans, Technologies, and the Living World

Speaker: Patrizia Marti

Room: Auditorium (Santa Chiara Lab)

Thursday, 17 September

09:30 – 11:00

Track A — Physical Health, Rehabilitation and Occupational Ergonomics

Chair: Danilo Menicucci

Room: Room 145

- [27] (*long*) Embodying Conversational Agents in Paediatric Speech Therapy: A systematic review — Alessia Nicoletta Marino, Liliana Vale Costa and Patrizia Marti
- [41] (*long*) Using AI-Generated Videos to Simulate Different People Communicating the Same Healthcare Needs: An Exploratory Study of Care Prioritisation and Trust Across Health Professional and Public Groups — Amanda Kearns, Anne Moorhead, Maurice Mulvenna and Raymond Bond

- [56] (*long*) The Eyes Don't Lie: Detecting Cognitive Load in VR Assembly Training using Built-in Pupillometry — Anouk Michiels, Eva Geurts and Gustavo Rovelo Ruiz
- [45] (*wip*) A Phygital Game Prototype to Support Speech-Therapy-in-the-Loop AI in Pediatric Rehabilitation — Alessia Nicoletta Marino, Liliana Vale Costa and Patrizia Marti
- [36] (*short*) Rethinking Prosthetic Hands: From Transparent Replacement to Intelligent Instruments — Maria Rosanna Fossati, Cristina Piazza and Antonio Bicchi

Track B — AI in Professional and Organisational Practice

Chair: Anna Spagnolli

Room: Room 149

- [14] (*long*) Assessing the Cognitive and Operational Impacts of AI in Airspace Configuration for Flow Management Positions — Daniele Ruscio, Marianna Groia and Luigi Perrotta
- [39] (*long*) Augmented Intelligence for Professional Recruiting: designing an Advisor-in-the-Loop system to support the job interview process — Martina Pozzolini, Gaetano Mongelli, Matteo Passarelli and Antonio Rizzo
- [53] (*wip*) Exploring Trust Factors in Designing AI-Supported Performance Appraisal System — Andreas Harnindito and Akshat Sawarni
- [60] (*short*) LLM-empowered remanufacturing: A novel human-AI interaction under the lens of a scoping review — Alireza Morteza pour, Mario Caterino and Marcello Fera

11:30 – 13:00

Track A — Mobility, Autonomous Vehicles and Collaborative Design

Chair: Carina Westling

Room: Room 145

- [8] (*long*) Human behavior facing a vehicle in shared spaces: investigating the relation between action and perception — Lydie Baillard, Sandrine Caroly, Manon Prédhumeau and Julie Dugdale
- [47] (*long*) Cultural Orientation Shapes Moral Judgments of Autonomous Vehicle Dilemmas — Eda Isil Sukan, Augusto Bovesi and Stefano Guidi
- [4] (*short*) Visual Storytelling for Knowledge Sharing in Co-Design Workshops on Urban Air Mobility — Jekaterina Basjuka, Carl Westin and Jonas Lundberg
- [24] (*long*) Towards Urban Air Mobility: Exploring how to support collaborative planning and communication in drone projects — Jekaterina Basjuka, Jonas Löwgren, Carl Westin and Jonas Lundberg
- [44] (*wip*) Design through counterfactual theatre: an embodied simulation method for designing digital social touch — Robin Héron, Stéphane Safin, Michael Baker and Françoise Détéienne

Track B — Social Perception, Identity and Self-Presentation

Chair: Simone Grassini

Room: Room 149

- [16] (*long*) Dimensions of Self-Disclosure and Visual Self-Presentation in WhatsApp Profile Pictures Among Young Adults — Francesco Curro, Elisa Nanni and Oronzo Parlangei
- [49] (*long*) Stance Signaling for Social Justice on Social Media: Does It Boost and Accelerate User Engagement? — Noor Sadiya, Sameha Alshakhsi, Ala Yankouskaya, Marwa Qaraq, Raian Ali and Dena Al Thani
- [30] (*long*) Does Violent Video Gaming Induce Hostile Emotional Processing in Habitual Players? Evidence from Eye-Tracking Metrics — Anantha Ubaradka and Sanjram Premjit Khandanba
- [19] (*short*) Early Neural Responses to Robot, Human, and Doll Faces: N170 and EPN Evidence — Simone Grassini, Saryz Taha Mamsheli, Amanda Tunes Paulsen and Enrico Cipriani
- [32] (*wip*) When appearance meets personality: robot age and individual differences in the evaluation of cheating robots — Ludovica Misino, Stefano Guidi, Luca Lusuardi, Alessandro Innocenti and Oronzo Parlangei

14:00 – 15:30

AI Trust and Autonomy in Human-Machine Systems

Chair: Anke Dittmar

Room: Room 145

- [29] (*long*) From Psychological Need Satisfaction to AI Dependency: The Divergent Roles of Basic and AI-Specific Needs — Oronzo Parlangeli, Francesco Currò, Margherita Bracci, Enrica Marchigiani, Lorenzo Reina and Paola Palmitesta
- [52] (*long*) Externalization by Design: Cognitive Load, Bounded AI, and Process-Level Accountability in Expert Knowledge Systems — Iren Irbe
- [23] (*long*) Moral Framing of Military Artificial Intelligence: The Role of Trust and Attitudes in Defensive and Offensive Use — Oronzo Parlangeli, Antonio Brancati, Giorgia Callori, Matteo Chiasso, Arianna Fornito, Marta Veroni, Francesca Mambrini, Michele Pio Piscopo and Francesco Currò
- [40] (*long*) Safeguarding Human Potential in Automated Work Systems: A Capability-Centred Framework for Design and Evaluation — Lisa Diamond and Michael Oppermann

18:00 – 19:00 (Contrada dell'Onda)

Keynote speech — Human Factors: How Mary Shelley might see our Future

Speaker: Harry Witchel

Room: Contrada dell'Onda, [Via Duprè 111](#)

19:00 – Presentation of the Contrada: participants will be divided into two groups for a visit to the Contrada and its museum (30 minutes each).

20:00 – Social dinner: [Vicolo San Salvatore 24](#).

Friday, 18 September

09:30 – 11:00

Track A — Explainable Systems, Infrastructure and Evaluation Methods

Chair: Raymond Bond

Room: Room 145

- [13] (*long*) Articulation Work and Conventions: The Workers' Experience — Romain Roccamatysi, Nadia Gauducheu and Myriam Lewkowicz
- [34] (*long*) deMIT Open Research: A Cognitively Sustainable Infrastructure for Shared Knowledge — Simone Giancaspero, Arianna Mazza and Stefano Guidi
- [21] (*long*) Do Hedonic Aspects of Context Bias UX Evaluation? Evidence from Controlled Virtual Environments — Rayane Mabrouki, Laetitia Gros, Julian Moreira, Jean-François Petiot and Franck Mars
- [57] (*long*) Identity in the Loop Cognitive Ergonomics of the Mediated Voice and the Future of Service Work — Cosimo Spera

Track B — Physiological and Behavioural Measurement Methods

Chair: Stéphane Safin

Room: Room 149

- [38] (*wip*) Toward an Eye-Tracking Adaptive Interface for Interactive Evolutionary Computation — Anais Tracoulat, Teresa Colombi, Denis Pallez, Nolwenn Gauer, Ambre Mounié, Marie Waeles-Devaux, Gabriel Al-Najjar and Arion Haxhui
- [58] (*short*) The Red Shoes 2 — Rachael E. Hollands, Mimi Porter, Jessica A. Eccles, Thanaporn Tunprasert and Harry Witchel
- [51] (*long*) Balancing immersion and usability in virtual reality training: Effects on self-efficacy and user experience in mass casualty incident simulation — Marie-Helene Ferrer, Marc Magniez, Cedric Basquin, Guillaume Mellon and Julien Galant
- [59] (*long*) Experimental Verification of Operator Reliability in Standardised Control Panel Operation Using Eye Tracking in Virtual Reality — Zdeněk Tůma and Lubos Kotek