



INTERACT 2023

Design for Equality & Justice

Programme version 1

Includes:

Overview

Wednesday 30 August

Thursday 31 August

Friday 1 September

Papers, Authors, Presenters

INTERACT 2023

Programme Overview

Monday 28 August	Tuesday Tuesday, 29 Aug	Wednesday 30 August	Thursday 31 August	Friday 1 September
Registration	Registration	Registration	Registration	Registration
INTERACT Workshops/ BCS Conference	INTERACT Workshops/ BCS Conference/ Doctoral Consortium	Opening Session	Keynote Prof Jonathan Lazar	Keynote Prof Ann Blandford
Session B1	Coffee Break			
INTERACT Workshops/ BCS Conference	INTERACT Workshops/ BCS Conference Doctoral Consortium	Keynote Prof Jan Gulliksen	Technical Sessions Courses	Technical Sessions Courses
Lunch	Lunch	Lunch	Lunch	Lunch
INTERACT Workshops / BCS Conference	INTERACT Workshops / BCS Conference Doctoral Consortium	Technical Sessions Courses	Technical Sessions Courses	Technical Sessions Courses
Coffee Break	Coffee Break			
INTERACT Workshops / BCS Conference	INTERACT Workshops/ BCS Conference Doctoral Consortium	Technical Sessions Courses Panel	Technical Sessions Courses Panel	Closing keynote Mike Evans, BBC Closing session
		Keynote Rochelle Gold User Research, NHS Welcome Reception	Conference Dinner	

Wednesday 30 August

08:30 Registration

09:30 Opening Welcome / Awards / Poster Madness

11:00 Coffee break

11:30 Opening Keynote: Prof: Jan Gulliksen, KTH Royal Institute of Technology, Sweden
Large lecture theatre (PZA/103)

12:30 Lunch

13:45	Session A1 User Studies	Session A2 Accessibility	Session A3 Model-Based UI Design & Testing	Session A4 Interaction with Conversational Agents I	Session A5 3D Interaction	Course A Part 1 Information Visualisation	Course F Part 1 The UCD Sprint
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15:15 Coffee break

15:45	Session B1 Data Physicalisation & Cross-device	Session B2 Interacting with children	Session B3 Information Visualisation	Session B4 Natural Language Processing & AI Explainability	Session B5 Motion Sickness, Stress & Risk Perception in 3D environments	Course A Part 2 Information Visualisation	Course F Part 2 The UCD Sprint	Panel Ethical Value Exchange in HCI
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17:15 Keynote: Rochelle Gold, User Research, NHS England
Large lecture theatre (PZA/103)

18:30 Welcome reception
Piazza Building

Thursday 31 August

08:00 Registration

08:30 Keynote: Prof: Jonathan Lazar, University of Maryland, USA
Large lecture theatre (PZA/103)

09:30	Session C1 Haptic interaction	Session C2 Accessibility & Aging	Session C3 Methodologies for HCI	Session C4 Recommendation systems & AI Explainability	Session C5 User movement & 3D environments	Course D Practical Ethics	Course E How to Assess Human Reliance on AI in Hybrid Decision-Making
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11:00 Coffee break

11:30	Session D1 User Studies, Eye-Tracking & Physiological Data	Session D2 Eye-Free, Gesture Interaction & Sign Language	Session D3 Co-design	Session D4 Social AI	Session D5 Virtual Reality	Courses B - Part I Disability, Design & Innovation for a Fairer World
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13:30 Lunch

14:15	Session E1 Social Media & Digital Learning	Session E2 Healthcare applications & Self-Monitoring	Session E3 Information Visualisation & 3D Interaction	Session E4 Social and Ubiquitous Computing I	Session E5 Virtual Reality & Training	Courses B - Part II Disability, Design & Innovation for a Fairer World	Panel Multi-Perspective Panel on User-centred Transparency, Explainability, & Controllability in Automations
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15:45 Coffee break

16:15 Meetings and networking

19:00 Conference dinner
Merchant Adventurers Hall, central York

Friday, 1 September						
08:00	Registration					
08:30	Keynote: Ann Blandford, University College London, UK					
	Large lecture theatre (PZA/103)					
09:30	Session F1 Understanding users & privacy issues	Session F2 Accessibility for Hearing Disabilities	Session F3 Multisensory interaction & VR experiences	Session F4 Social & Ubiquitous Computing II	Session F5 Human-Robot Interaction	Course C - Part 1 Hacking the the Brain
11:00	Coffee break					
11:30	Posters and Demonstrations					
12:30	Lunch					
13:45	Session G1 User Self-Report	Session G2 Cybersecurity & Trust	Session G3 Online collaboration & Cooperative work	Session G4 Interaction with Conversational agents II	Session G5	Course C - Part 2 Hacking the the Brain
15:15	Coffee Break					
15:45	Closing keynote: Prof. Mike Evans, UX Research Lead, BBC Research and Development, UK					
16:45	Closing Session					
	Large lecture theatre (PZA/103) xx					

Session : A5	3D Interaction	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1034	AHO-Guide: Automatically Guiding the Head Orientation of a Local User in Augmented Reality to Realign the Field of View With Remote Users	Lucas Pometti, Charles Bailly, and Julien Castet	Lucas Pometti
FP1010	Point- and Volume-based Multi-Object Acquisition in VR	Zhiqing Wu, Difeng Yu, and Jorge Goncalves	Zhiqing Wu
FP1096	Using Mid-Air Haptics to Guide Mid-Air Interactions	Timothy Neate, Sergio Alvares Maffra, William Frier, Zihao You, and Stephanie Wilson	Timothy Neate

Session : A2	Accessibility	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1114	Brilliance and Resilience: A New Perspective to the Challenges, Practices and Needs of University Students with Visual Impairments in India	Tigmanshu Bhatnagar, Vikas Upadhyay, PV Madhusudhan Rao, Nicolai Marquardt, Mark Miodownik, and Catherine Holloway	Tigmanshu Bhatnagar
SP1120	Mapping Virtual Reality Controls to Inform Design of Accessible User Experiences	Christopher Power, Paul Cairns, and Triskal DeHaven	Christopher Power
SP1180	WAM-Studio: A Web-based Digital Audio Workstation To Empower Cochlear Implant Users	Michel Buffa, Antoine Vidal-Mazuy, Lloyd May, and Marco Winckler	Marco Winckler
SP1160	Web Accessibility in Higher Education in Norway: To What Extent are University Websites Accessible?	Yavuz Inal and Anne Britt Torkildsby	Anne Britt Torkildsby
SP1114	Wesee: Digital Cultural Heritage Interpretation for Blind and Low Vision People	Yalan Luo, Weiyue Lin, Yuhan Liu, Xiaomei Nie, Xiang Qian, and Hanyu Guo	Yalan Luo

Session : C2	Accessibility and aging	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1099	Accessibility Inspections of Mobile Applications by Professionals with Different Expertise Levels: an Empirical Study Comparing with User Evaluations	Delvani Antônio Mateus, Simone Bacellar Leal Ferreira, Maurício Ronny de Almeida Souza, André Pimenta Freire	André Pimenta Freire

SP1168	Evaluating the Acceptance of a Software Application Designed to Assist Communication for People with Parkinson's Disease	Julia Greenfield, Káthia Marçal de Oliveira, Véronique Delcroix, Sophie Lepreux, Christophe Kolski, and Anne Blanchard-Dauphin	Káthia Marçal de Oliveira
SP1118	"The Relief is Amazing": An In-situ Short Field Evaluation of a Personal Voice Assistive Technology for a User Living with Dementia	Ana-Maria Salai, Glenda Cook, and Lars Erik Holmquist	Lars Erik Holmquist
FP1170	Towards an Automatic Easy-to-Read Adaptation of Morphological Features in Spanish Texts	Mari Carmen Suárez-Figueroa, Isam Diab, Álvaro González, and Jesica Rivero-Espinosa	Isam Diab

Session : F2		Accessibility for Auditory/Hearing disabilities	1h30	
ID	Title	Authors	Presenter	
FP1087	Challenges faced by the Employed Indian DHH Community	Advaith Sridhar, Roshni Poddar, Mohit Jain, and Pratyush Kumar	Roshni Poddar	
FP1040	Haptic Auditory Feedback for Enhanced Image Description: A Study of User Preferences and Performance	Mallak Alkhathlan, M. L. Tlachac, and Elke A Rundensteiner	Mallak Alkhathlan	
FP1047	Using Colour and Brightness for Sound Zone Feedback	Stine S. Johansen, Peter Axel Nielsen, Kashmiri Stec, and Jesper Kjeldskov	Stine S. Johansen	

Session : A3		Co-Design	1h30	
ID	Title	Authors	Presenter	
FP1012	Common Objects for Programming Workshops in Non-Formal Learning Contexts	Nathalie Bressa, Susanne Bødker, Clemens N. Klokmoose, and Eva Eriksson	Nathalie Bressa	
SP1211	Engaging a project consortium in ethics-aware design and research	Päivi Heikkilä, Hanna Lammi, and Susanna Aromaa	Päivi Heikkilä and Hanna Lammi	
SP1256	Exploring Emotions: Study of Five Design Workshops for Generating Ideas for Emotional Self-Report Interfaces	Carla Nave, Francisco Nunes, Teresa Romão, and Nuno Correia	Carla Nave	
FP1153	Moving Away from the Blocks: Evaluating the Usability of EduBlocks for Supporting Children to Transition from Block-Based Programming	Gavin Sim, Mark Lochrie, Misbahu S Zubair, Oliver Kerr, and Matthew Bates	Gavin Sim	

Session : G2	Cybersecurity and Trust	1h15	
ID	Title	Authors	Presenter
SP1213	Dark Finance: Exploring Deceptive Design in Investment Apps	Ivana Rakovic and Yavuz Inal	Yavuz Inal
SP1207	Elements that Influence Transparency in Artificial Intelligent Systems - A survey	Deepa Muralidhar, Rafik Belloum, Kathia Marçal de Oliveira, and Ashwin Ashok	Deepa Muralidhar
SP1098	Empowering Users: Leveraging Interface Cues to Enhance Password Security	Yasmeen Abdrabou, Marco Asbeck, Ken Pfeuffer, Yomna Abdelrahman, Mariam Hassib, and Florian Alt	Yasmeen Abdrabou
SP1198	Friendly Folk Advice: Exploring Cybersecurity Information Sharing in Nigeria	James Nicholson, Opeyemi Dele Ajayi, Kemi Fasae, abdBoniface Kayode Alese	James Nicholson
SP1078	Trust in Facial Recognition Systems: A Perspective From the Users	Gabriela Beltrao, Sonia Sousa, and David Lamas	Gabriela Beltrão

Session : B1	Data Physicalisation and Cross-device	1h30	
ID	Title	Authors	Presenter
FP1103	Comparing Screen-based Version Control to Augmented Artifact Version Control for Physical Objects	Maximilian Letter, Marco Kurzweg, and Katrin Wolf	Maximilian Letter
SP1200	EmoClock: Communicating Real-Time Emotional States through Data Physicalizations	Dennis Peeters, Champika Ranasinghe, Auriol Degbelo, and Faizan Ahmed	Champika Ranasinghe
SP1186	Extending User Interaction with Mixed Reality through a Smartphone-based Controller	Georgios Papadoulis, Christos Sintoris, Christos Fidas, and Nikolaos Avouris	Georgios Papadoulis
FP1098	Fitts' Throughput vs Empirical Throughput: A comparative study	Khyati Priya and Anirudha Joshi	-

Session : D2	Eye-Free, Gesture Interaction and Sign Language	1h30	
ID	Title	Authors	Presenter

SP1133	Developing and Evaluating a Novel Gamified Virtual Learning Environment for ASL	Jindi Wang, Ioannis Ivrissimtzis, Zhaoxing Li, Yunzhan Zhou, and Lei Shi	Jindi Wang
SP1169	Effects of Moving Speed and Phone Location on Eyes-Free Gesture Input with Mobile Devices	Milad Jamalzadeh, Yosra Rekik, Laurent Grisoni, Radu-Daniel Vatavu, Gualtiero Volpe, and Alexandru Dancu	Milad Jamalzadeh
FP1229	Hap2Gest: An Eyes-free Interaction Concept with Smartphones Using Gestures and Haptic Feedback	Milad Jamalzadeh, Yosra Rekik, Alexandru Dancu, and Laurent Grisoni	Milad Jamalzadeh
FP1256	User-Centered Evaluation of Different Configurations of a Touchless Gestural Interface for Interactive Displays	Vito Gentile, Habiba Farzand, Simona Bonaccorso, Davide Rocchesso, Alessio Malizia, Mohamed Khamis, and Salvatore Sorce	Salvatore Sorce, Mohamed Khamis, Habiba Farzand

Sesssion : C1	Haptic interaction	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1207	Assignment of a Vibration to a Graphical Object Induced by Resonant Frequency	Marco Kurzweg, Simon Linke, Yannick Weiss, Maximilian Letter, Albrecht Schmidt, and Katrin Wolf	Marco Kurzweg
FP1081	GuidingBand: A Precise Tactile Hand Guidance System to Aid Visual Perception	Atish Waghware and Anirudha Joshi	Atish Waghware
SP1161	Mid-Air Haptic Cursor for Physical Objects	Miroslav Mac'ík and Meinhardt Branig	Miroslav Macík
SP1202	Stress Embodied: Developing Multi-Sensory Experiences for VR Police Training	Jakob Carl Uhl, Georg Regal, Michael Gafert, Markus Murtinger, and Manfred Tscheligi	Jakob Carl Uhl

Session : E2	Healthcare applications and Self-Monitoring	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
SP1240	Co-designing an eHealth Solution to Support Fibromyalgia Self-Management	Pedro Albuquerque Santos, Rui Neves Madeira, Hugo Ferreira, and Carmen Caeiro	Rui Neves Madeira

FP1179	Designing Remote Patient Monitoring Technologies for Post-Operative Home Cancer Recovery: The Role of Reassurance	Constantinos Timinis, Jeremy Opie, Simon Watt, Pramit Khetrapal, John Kelly, Manolis Mavrikis, Yvonne Rogers, and Ivana Drobnjak	Constantinos Timinis
FP1180	SELF: Evaluation of Techniques to Reduce Self-report Fatigue by Using Facial Expression of Emotion	Salma Mandi, Surjya Ghosh, Pradipta De, and Bivas Mitra	Salma Mandi
SP1229	Usability and Clinical Evaluation of a Wearable TENS device for Pain Management in Patients with Osteoarthritis of the Knee	Fatma Layas, Billy Woods, and Sean Jenkins	Dr. Fatma Layas and/or Mr. Billy Woods

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Session : F5		Human-Robot Interaction	1h30	
ID	Title	Authors	Presenter	
FP1195	Pedestrian Interaction with a Snow Clearing Robot	Ashley Colley, Marko Tiitto, Bastian Pfleging, and Jonna Häkkinä	Ashley Colley	
FP1100	Robot Collaboration and Model Reliance Based on its Trust in Human-Robot Interaction	Basel Alhaji, Michael Prilla, and Andreas Rausch	Michael Prilla	
FP1196	User Experience in Large-Scale Robot Development: A Case Study of Mechanical and Software Teams	Sara Nielsen, Mikael B. Skov, and Anders Bruun	Sara Nielsen	

Session : B3		Information Visualization	1h15	
ID	Title	Authors	Presenter	
FP1219	BiVis: Interactive and Progressive Visualization of Billions (and Counting) Items	Renaud Blanch	Renaud Blanch	
FP1097	Modeling and Assessing User Interaction in Big Data Visualization Systems	Dario Benvenuti, Matteo Filosa, Tiziana Catarci, and Marco Angelini	Dario Benvenuti	
SP1097	The Effect of Teleporting versus Room-scale Walking for Interacting with Immersive Visualizations	Alejandro Rey, Andrea Bellucci, Paloma Díaz, and Ignacio Aedo	Alejandro Rey	

Session : E3		Information Visualization and 3D Interaction	1h30	
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<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1062	Playing with Data: An Augmented Reality Approach to Interact with Visualizations of Industrial Process Tomography	Yuchong Zhang, Yueming Xuan, Rahul Yadav, Adel Omrani, and Morten Fjeld	Yuchong Zhang
FP1268	Supporting Construction and Architectural Visualization through BIM and AR/VR: A Systematic Literature Review	Enes Yigitbas, Alexander Nowosad, - and Gregor Engels	
FP1074	Through Space and Time: Spatio-Temporal Visualization of MOBA Matches	Adam Šufliarsky, Günter Wallner, and Simone Kriglstein	Guenter Wallner

Session : B2	Interacting with Children	1h30	
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<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
SP1143	Awayvirus: A Playful and Tangible Approach to Improve Children's Hygiene Habits in Family Education	Xiang Qi, Yaxiong Lei, Shijing He, and Shuxin Cheng	Yaxiong Lei, Shijing He
SP1057	"Money from the Queen": Exploring Children's Ideas for Monetization in Free-to-Play Mobile Games	Dan Fitton and Janet C Read	Dan Fitton
SP1123	Motivating Children's Engagement with Sleep Diaries through Storytelling	Hannah C. van Iterson, Panos Markopoulos, and Leonardo E. Gerritsen	Hannah van Iterson
SP1251	The Peer Data Labelling System (PDLS). A Participatory Approach to Classifying Engagement in the Classroom	Graham Parsonage, Matthew Horton, and Janet Read	Graham Parsonage
FP1140	WashWall: an Interactive Smart Mirror for Motivating Handwashing Among Primary School Children	Dees B.W. Postma, Champika M. Ranasinghe, Christos Constantinou, Vincent P.G. Diks, Younghun Rhee, Willem H.P. van Dijk, Amir Sassanian, and Dennis Reidsma	Dees Postma

Session : A4	Interaction with Conversational agents I	1h30	
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<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
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FP1039	Beyond Browser Online Shopping: Experience Attitude Towards Online 3D Shopping with Conversational Agents	Pedro Valente, Tiago Fornelos, Rafael Ferreira, Diog Silva, Diogo Tavares, Nuno Correia, João Magalhães, and Rui Nóbrega	Pedro Valente
FP1053	Effects of Prior Experience, Gender, and Age on Trust in a Banking Chatbot with(out) Breakdown and Repair	Effie Lai-Chong Law, Nena van As, and Asbjørn Følstad	Effie Lai-Chong Law
FP1121	EaseOut: A Cross-Cultural Study of the Impact of a Conversation Agent on Leaving Video Meetings Early	Eureka Foong, Jack Jamieson, Hideaki Kuzuoka, Naomi Yamashita, and Tomoki Nishida	Eureka Foong

Session : G4		Interaction with Conversational agents II	1h30	
ID	Title	Authors	Presenter	
SP1124	An AI chat-based solution aimed to screen Postpartum Depression	Bakhtawar Ahtisham, Seemal Tausif, Zoha Hayat Bhatti, Ayesha Masood, and Suleman Shahid	Bakhtawar Ahtisham	
FP1128	The Impact of Gender and Personality in Human-AI Teaming: the Case of Collaborative Question Answering	Frida Milella, Chiara Natali, Teresa Scantamburlo, Andrea Campagner, and Federico Cabitza	Chiara Natali	
FP1132	Empirical Grounding for the Interpretations of Natural User Interface: A Case Study on Smartpen	Baraa Alabdulwahab and Effie Lai-Chong Law	-	
SP1157	Methods for Evaluating Conversational Agents' Communicability, Acceptability and Accessibility Degree	Stefano Valtolina, Ricardo Anibal Matamoros, and Francesco Epifania	Stefano Valtolina	

Session : C3		Methodologies for HCI	1h30	
ID	Title	Authors	Presenter	
FP1214	A Review on Mood Assessment using Smartphones	Zhanna Sarsenbayeva, Charlie Fleming, Benjamin Tag, Anusha Withana, Niels van Berkel, and Alistair McEwan	Niels van Berkel	
FP1112	A close look at Citizen Science through the HCI lens: a systematic literature review	Tommaso Zambon, Chiara Bassetti, and Catia Prandi	Tommaso Zambon	
FP1163	The Gap Between UX Literacy and UX Practices in agile-UX Settings: A Case Study	Daniela Azevedo , Luka Rukonić , and Suzanne Kieffer	Daniela Azevedo, Luka Rukonic	

Session : D3	Model-Based UI Design and Testing	1h30	
ID	Title	Authors	Presenter
FP1019	AdaptReview: Towards Effective Video Review using Text Summaries and Concept Maps	Shan Zhang, Yang Chen, Nuwan Janaka, Chloe Haigh, Shengdong Zhao, and Wei Tsang Ooi	Shan Zhang
FP1073	I perform my work with my body too: integrating body representations in and with task models	Axel Carayon, Célia Martinie, Philippe Palanque	-
SP1178	Prototyping with the IVY workbench: Bridging Formal Methods and User-Centred Design	Rafael Braga da Costa and José Creissac Campos	José Creissac Campos
SP1231	Towards automated load testing through the user interface	Bruno Teixeira and José Creissac Campos	José Creissac Campos

Session : B5	Montion Sickness, Stress and Risk perception in 3D Environments	1h30	
ID	Title	Authors	Presenter
FP1203	"Do I Run Away?": Proximity, Stress and Discomfort in Human-Drone Interaction in Real and Virtual Environments	Robin Bretin, Mohamed Khamis, and Emily Cross	Robin Bretin
FP1199	Sick in the Car, Sick in VR? Understanding how Real-World Susceptibility to Dizziness, Nausea, and Eye Strain Influences VR Motion Sickness	Oliver Hein, Philipp Rauschnabel, Mariam Hassib, and Florian Alt	Oliver Hein
FP1139	Spatial Augmented Reality in the Factory: Can In-Situ Projections Be Used to Communicate Dangers and Health Risks?	Aaron Wedral, Rafael Vrecar, Gerhard Ebenhofer, Thomas Pönitz, Paul H. Wührer, Astrid Weiss, and Gernot Stübl	Aaron Wedral, Rafael Vrecar

Session : F3	Multisensory interaction and VR experiences	1h15	
ID	Title	Authors	Presenter
FP1018	Augmenting Indigenous S'ami Exhibition - Interactive Digital Heritage in Museum Context	Siiri Paananen, Joo Chan Kim, Emma Kirjavainen, Matilda Kalving, Karan Mitra, and Jonna Häkkinä	Siiri Paananen

SP1070	Design Paradigms of 3D User Interfaces for VR Exhibitions	Yunzhan Zhou, Lei Shi, Zexi He, Zhaoxing Li, and Jindi Wang	Yunzhan Zhou
SP1189	Multisensory Diorama: Enhancing Accessibility and Engagement in Museums	Leandro S. Guedes, Irene Zanardi, Stefania Span, and Monica Landoni	Leandro S. Guedes
SP1149	Museum Visitor Experiences based on Hyperspectral Image Data	Markus Löchtefeld, Eleftherios Papachristos, and Hilda Deborah	Markus Löchtefeld
industrial-1004	Whose responsibility is accessibility in games anyway? Everyone	Christopher Power, Paul Cairns, Mark Barlet, and Steven Weitz	

Session : B4		Natural Language Processing and AI Explainability	1h30	
ID	Title	Authors	Presenter	
FP1167	Exploring Natural Language Processing Methods for Interactive Behaviour Modelling	Guanhua Zhang, Matteo Bortoletto, Zhiming Hu, Lei Shi, Mihai Băce, and Andreas Bulling	Guanhua Zhang	
FP1065	“Garbage In, Garbage Out”: Mitigating Human Biases in Data Entry by Means of Artificial Intelligence	Sven Eckhardt, Merlin Knaeble, Andreas Bucher, Dario Staehelin, Mateusz Dolata, Doris Agotai, and Gerhard Schwabe	Sven Eckhardt	
SP1068	Is Overreliance on AI Provoked by Study Design?	Zelun Tony Zhang, Sven Tong, Yuanting Liu, and Andreas Butz	Sven Tong	
SP1080	RePaLM: A Data-driven AI Assistant for Making Stronger Pattern Choices	Christina Milousi, George E. Raptis, - Christina Katsini, and Christos Katsanos		

Session : G3		Online collaboration and Cooperative work	1h30	
ID	Title	Authors	Presenter	
FP1016	A Systematic Literature Review of Online Collaborative Story Writing	Stefano Montanelli and Martin Ruskov	Martin Ruskov	
FP1249	Algorithmic Management for Community Health Worker in Sub-Saharan Africa: Curse or Blessing?	Dario Staehelin, Mateusz Dolata, Nicolas Peyer, Felix Gerber, Gerhard Schwabe	Dario Staehelin	
FP1064	Explorative Study of Perceived Social Loafing in VR Group Discussion: A Comparison between The Poster Presentation Environment and The Typical Conference Environment	Koutaro Kamada, Ryuya Watarai, Tzu-Yang Wang, Kentaro Takashima, Yasuyuki Sumi, and Takaya Yuizono	Koutaro Kamada	

Session : C4	Recommendation systems and AI Explainability	1h30	
ID	Title	Authors	Presenter
FP1077	Blending Conversational Product Advisors and Faceted Filtering in a Graph-Based Approach	Timm Kleemann and Jürgen Ziegler	Timm Kleemann
SP1234	Everyday-Inspired Movies: Towards the Design of Movie Recommender Systems based on Everyday Life through Personal Social Media	Abhishek Kulkarni, Larry Powell, Shaina Murphy, Nanjie Rao, and Sharon Lynn Chu	Abhishek Kulkarni
FP1006	Towards a practice-led research agenda for user interface design of recommender systems	Aletta Smits and Koen van Turnhout	Aletta Smits
SP1122	WeHeart: A Personalized Recommendation Device for Physical Activity Encouragement and Preventing “Cold Start” in Cardiac Rehabilitation	Rosa van Tuijn, Tianqin Lu, Emma Driesse, Koen Franken, Pratik Gajane, and Emilia Barakova	Rosa van Tuijn

Session : D4	Social AI	1h30	
ID	Title	Authors	Presenter
SP1225	AI in the Human Loop: The Impact of Differences in Digital Assistant Roles on the Personal Values of Users	Shakila Shayan , Marlies van Steenbergen, Koen van Turnhout, Zelda Zeegers, Somaya Ben Allouch, Maaïke Harbers, Guido Evertzen, Janna Bruijning, Wieke van Boxtel, and Katarina Jerkovich	shakila shayan
FP1194	“A solution to a problem that didn’t exist?”: Exploring Attitudes Towards Smart Streetlight Systems	Anna-Lena Theus and Sonia Chiasson	Anna-Lena Theus
FP1189	Evaluation of the Roles of Intelligent Technologies in Shared Activity Spaces of Neighborhood Communities	Jouko Makkonen, Rita Latikka, Rosana Rubio-Hernández, and Kaisa Väänänen	Jouko Makkonen
SP1150	Problematizing “Empowerment” in HCAI	John S. Seberger, Hyesun Choung, and Prabu David	John S. Seberger

Session : E4	Social and Ubiquitous Computing I	1h30	
ID	Title	Authors	Presenter

FP1036	"Draw Fast, Guess Slow": Characterizing Interactions in Cooperative Partially Observable Settings with Online Pictionary as a Case Study	Kiruthika Kannan, Anandhini Rajendran, Vinoo Alluri, and Ravi Kiran Sarvadevabhatla	Kiruthika Kannan
FP1131	Experience by Cohabitation: Living in a Smart Home Initiated by Your Partner	Annika Sabrina Schulz, Johanna Müller, and Frank Beruscha	Annika Schulz
FP1107	Towards a Socio-technical Understanding of Police-citizen Interactions	Min Zhang, Arosha K. Bandara, Richard Philpot, Avelie Stuart, Zoe Walkington, Camilla Elphick, Lara Frumkin, Graham Pike, Blaine Price, Mark Levine, and Bashar Nuseibeh	Min Zhang

Session : F4	Social and Ubiquitous Computing II	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1066	A Survey of Computer-Supported Remote Collaboration on Physical Objects	Maximilian Letter, Ceenu George, and Katrin Wolf	Maximilian Letter
FP1084	Collaborative TV Control: Towards Co-Experience and Social Connectedness	Melanie Berger, Rutger Verstegen, Bahareh Barati, Harm van Essen, and Regina Bernhaupt	Melanie Berger
FP1083	Introducing Sharemote: A Tangible Interface for Collaborative TV Control	Melanie Berger, Rutger Verstegen, Harm van Essen, and Regina Bernhaupt	Melanie Berger and/or Rutger Verstegen

Session : E1	Social Media and Digital Learning	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
SP1073	A Mixed-Methods Analysis of Women's Health Misinformation on Social Media	Lisa Mekioussa Malki, Dilisha Patel, and Aneesha Singh	Lisa Mekioussa Malki
SP1130	Evaluating the Effects of Culture and Relationship Strength on Misinformation Challenging Behaviours Within the UK	Lauren Scott, Marta E. Cecchinato, Lynne Coventry, and Mark Warner	Lauren Scott
SP1110	Exploring Indigenous Knowledge through Virtual Reality: A Co-Design Approach with the Penan Community of Long Lamai	Bram Kreuger and Tariq Zaman	Bram Kreuger

FP1245	Factors influencing social media forgiveness behavior and cyber violence tendency among Chinese youth: Moderating ef-fects of forgiveness climate and risk perception	Zhirui Chen, Wenchen Guo, and Qingxiang Zeng	virtual
SP1076	Gender & Racism: Considerations for Digital Learning Among Young Refugees and Asylum Seekers	Denise Lengyel, Ahmed Kharrufa, James Stanfield, Haley Powers, Bridget Lara Stratford, and Reem Talhouk	Denise Lengyel

Session : F1		Understanding users and privacy issues	1h30	
ID	Title	Authors	Presenter	
SP1171	Concerns of Saudi higher education students about security and privacy of online digital technologies during the coronavirus pandemic	Basmah Almekhled and Helen Petrie	Basmah Almekhled	
FP1215	Exploring the Experiences of People who Inherited Digital Assets from Deceased Users: a Search for Better Computing Solutions	Maria Fernanda Lira, Cristiano Maciel, Daniele Trevisan, Vinicius Carvalho Pereira, Simone Barbosa, and Flavia Beppu	Simone Barbosa	
FP1061	"Hello, Fellow Villager!": Perceptions and Impact of Displaying Users' Locations on Weibo	Ying Ma, Qiushi Zhou, Benjamin Tag, Zhanna Sarsenbayeva, Jarrod Knibbe, and Jorge Goncalves	Ying Ma	
SP1063	Intimate Data: Exploring Perceptions of Privacy and Privacy-Seeking Behaviors through the Story Completion Method	Diana P. Moniz, Maryam Mehrnezhad, and Teresa Almeida	Diana P. Moniz	

Session : C5		User movement and 3D enviroments	1h30	
ID	Title	Authors	Presenter	
FP1136	Eyes on teleporting: comparing locomotion techniques in Virtual Reality with respect to presence, sickness and spatial orientation	Ariel Caputo, Massimo Zancanaro, and Andrea Giachetti	Massimo Zancanaro	
FP1266	Sample-based Human Movement Detection for Interactive Videos Applied to Performing Arts	Rui Rodrigues, João Diogo, Stephan Jurgens, Carla Fernandes, Nuno Correia	Rui Rodrigues	
FP1080	Skillab - A Multimodal Augmented Reality Environment for Learning Manual Tasks	Ambika Shahu, Sonja Dorfbauer, Philipp Wintersberger, and Florian Michahelles	Ambika Shahu	

Session : G1	User Self-Report	1h30	
ID	Title	Authors	Presenter
FP1002	A Longitudinal Analysis of Real-World Self-Report Data	Niels van Berkel, Sujay Shalawadi, Madeleine R Evans, Aku Visuri, and Simo Hosio	Niels van Berkel
SP1253	Awareness, Control and Impact in Digital Wellbeing - Results from Explorative Self-Experiments	Yavuz Inal, Frode Guribye, Lee Taber, and Steve Whittaker	Yavuz Inal
FP1020	Eliciting Meaningful Collaboration Metrics: Design Implications for Self-Tracking Technologies at Work	Alina Lushnikova, Kerstin Bongard-Blanchy, Vincent Koenig, and Carine Lallemand	Alina Lushnikova
SP1173	Perception versus Reality: How User Self-Reflections Compare to Actual Data	Hannah R. Nolasco, Andrew Vargo, Yusuke Komatsu, Motoi Iwata, and Koichi Kise	Hannah R. Nolasco

Session : A1	User Studies	1h30	
ID	Title	Authors	Presenter
SP1074	"I miss going to that place": The impact of watching nature videos on the well-being of informal caregivers	Beatriz Peres, Hildegardo Noronha, Daniel S. Lopes, Joaquim Jorge, and Pedro F. Campos	Beatriz Peres
FP1082	Comparing Perceived Restorativeness and Stress Reduction in Virtual Reality Environments using Abstract Fractal Geometries versus Realistic Natural Landscapes	Diana C. G. Mendes, and Mónica S Cameirão	Diana Carolina Gonçalves Mendes
SP1119	Our Nudges, Our Selves: Tailoring Mobile User Engagement Using Personality	Nima Jamalian, Marios Constantinides, Sagar Joglekar, Xueni Pan, and Daniele Quercia	Marios Constantinides
SP1091	Turn & Slide: Designing a Puzzle Game to Elicit the Visualizer-Verbalizer Cognitive Style	Sotirios Petsas, George E. Raptis, and Christos Katsanos	-
industrial-1000	How to Bring Diversity into Industry: Industrial Experiences in Public Transport Repair & Maintenance	Rafael Vrecar, Markus Steinlechner, Patrick Rupprecht, Aaron Wedral, Marlies Negele, Maciej Palucki, Brigitte Ratzer, and Astrid Weiss1	

Session : D1	User Studies, Eye-Tracking and Physiological data	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
SP1252	Electroencephalographic (EEG) correlates of Visually Induced Motion Sickness (VIMS) in the Virtual Reality (VR) based simulations	Jan K. Argasiński, and Natalia Lipp, and Szymon Mazurek	Jan K. Argasiński
SP1205	How Many Participants Do You Need for an Open Card Sort? A Case Study of E-commerce Websites	Christos Pechlevanoudis, Grigorios Zilidis, and Christos Katsanos ¹	Christos Katsanos
SP1138	Exploring Eye Expressions for Enhancing EOG-Based Interaction	Joshua Newn, Sophia Quesada, Baosheng James Hou, Anam Ahmad Khan, Florian Weidner, and Hans Gellersen	Joshua Newn
SP1117	Quantifying Device Usefulness - How Useful is an Obsolete Device?	Craig Goodwin, Sandra Woolley, Ed de Quincey, and Tim Collins	Craig Goodwin
FP1175	Usability Evaluation of a Brazilian Dam Safety Data Exploration Platform: a Consolidation of Results from User Tests and Heuristic Evaluation	Bruna Santana Capeleti, Caroline Queiroz Santos, Jaqueline Isabel de Souza, and André Pimenta Freire	André Pimenta Freire

Session : D5	Virtual Reality	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
SP1254	Asymmetric communication in virtual reality: designing for presence, effectiveness, and enjoyment	Markus Kirjonen and Mika P. Nieminen	Markus Kirjonen
FP1122	Digital Modeling for Everyone: Exploring How Novices Approach Voice-Based 3D Modeling	Giuseppe Desolda, Andrea Esposito, Florian Müller, and Sebastian Feger	Andrea Esposito
SP1219	Exploring the Potential of Metaverse Apps for Real-World Applications: A Case Study with CALEND AR	Konstantinos Tsomokos, Christos Sintoris, Christos Fidas, and Nikolaos Avouris	Nikolaos Avouris
SP1083	PeriFocus - Training Peripheral Color- and Shape Detection in Virtual Reality	Mads Thomsen, Mathias Halilovic, Alexandru Giuran, and Markus Löchtefeld	Markus Löchtefeld

SP1158	Supporting Resilience Through Virtual Reality: Design and Preliminary Evaluation of a VR Experience Based on Viktor Frankl's Logotherapy	Quynh Nguyen, Rodrigo Gutierrez, Lukas Kröninger, and Ulrike Kretzer	Quynh Nguyen
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Session : E5	Virtual Reality and Training	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
FP1225	A Case Study Using Virtual Reality to Prime Knowledge for Procedural Medical Training	Paul W.L. Watson, Samuel House, Robert Hart, Jonathan Abbas, Sheena Asthana, and Swen E. Gaudl	Paul Watson, Swen E. Gaudl
FP1217	Mind the Heart: Designing a Stress Dashboard Based on Physiological Data for Training Highly Stressful Situations in Virtual Reality	Olivia Zechner, Helmut Schrom-Feiertag, Jakob Uhl, Quynh Nguyen, Lisanne Kleygrewe, and Manfred Tscheligi	Olivia Zechner
FP1030	VR for HR – a Case Study of Human Resource Development Professionals using Virtual Reality for Social Skills Training in the Workplace	Britta Nordin Forsberg, Anders Lundström, and Jan Gulliksen	Britta Nordin Forsberg

Session	Courses	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
course F	The UCD Sprint: Bringing Users Along to Sprint	Marta Larusdottir, Virpi Roto, Rosa Lanzilotti, and Ioana Visescu	Marta Larusdottir, Virpi Roto, Rosa Lanzilotti, and Ioana Visescu
course E	How to Assess Human Reliance on Artificial Intelligence in Hybrid Decision-Making	Chiara Natali, Andrea Campagner, and Federico Cabitza	Chiara Natali, Andrea Campagner, and Federico Cabitza

course D	Practical Ethics: Respecting Participants Contributions in HCI Research and Design	Janet Read	Read, Janet
course C	Hacking the Brain: the risks and challenges of Cognitive Augmentation	Sarah Clinch and Nigel Davies	Sarah Clinch and Nigel Davies
course B	Disability, Design and Innovation for a Fairer World	Catherine Holloway, Ben Hardman, Ben Oldfrey, Daniel Hajas, Jamie Danemayer, Maryam Bandukda, and Tigmanshu Bhatnagar	Catherine Holloway, Ben Hardman, Ben Oldfrey, Daniel Hajas, Jamie Danemayer, Maryam Bandukda, and Tigmanshu Bhatnagar
course A	Introduction to Information Visualisation	Keith Andrews	Keith Andrews

Session	Panels	1h30	
ID	Title	Authors	Presenter
panel2	Ethical Value Exchange in HCI	Jose Abdelnour-Nocera, Marta Kristín Lárusdóttir, Jonathan Lazar, Helen Petrie, Gavin Sim, and Tariq Zaman	Jose Abdelnour-Nocera, Marta Kristín Lárusdóttir, Jonathan Lazar, Helen Petrie, Gavin Sim, and Tariq Zaman
panel1	A Multi-Perspective Panel on User-centred Transparency, Explainability, and Controllability in Automations	Philippe Palanque, Fabio Paternò, Virpi Roto, Albrecht Schmidt, Simone Stumpf, and Jürgen Ziegler	Philippe Palanque, Fabio Paternò, Virpi Roto, Albrecht Schmidt, Simone Stumpf, and Jürgen Ziegler

Session : F6	Industrial Experiences	1h30	
<i>ID</i>	<i>Title</i>	<i>Authors</i>	<i>Presenter</i>
industrial-1000	How to Bring Diversity into Industry: Industrial Experiences in Public Transport Repair & Maintenance	Rafael Vrecar, Markus Steinlechner, Patrick Rupprecht, Aaron Wedral, Marlies Negele, Maciej Palucki, Brigitte Ratzer, and Astrid Weiss1	Vrecar, Rafael
industrial-1004	Whose responsibility is accessibility in games anyway? Everyone	Christopher Power, Paul Cairns, Mark Barlet, and Steven Weitz	Power, Christopher