



MOCO'24 Beyond Control: Conference programme

Conference Day 1 – Thursday 30 May Location: Het Huis (Boorstraat 107, Utrecht)	
Time	Programme
8.30	Conference registration opens
8.30 – 9.00	Coffee & tea
9.00 – 12.15	Doctoral Consortium - Chairs: Irene Alcubilla Troughton and Yotam Shibolet <ul style="list-style-type: none"> • Soyun Jang - Attunement to a Robot Arm: Designing Movements for, and Dancing with a KUKA Robot • Molly Joyce - Crippling Virtuosity: Cultivating Virtuosity from Disability through Music Technology • Nigel Guérin-Garnett - Machinatia: Choreo-technological Practice • Jose Hopkins - Affective Corporealities in VR: Reshaping the Human-Technology Interface • Helena Miko - Bodily TechRoutines in postdigital dance practice and research – an analysis of „phygital“ dance making and learning. • Jonathan Kirn - Capturing Movement in Cymatics: On Movement Escaping Boundary-Making Practices • Vaishnavi Prativadi - Tracing the Dynamics of Movement: Insights from Indian Textual Sources • Yotam Shibolet - Embodied narrativity • Caoimhe Wandel-Brannigan - Beyond the Body: Unravelling the Nexus of XR Dance, Collaborative Practice and Politics • Ruowen Xu - Fabulation and Fetishization of Interaction: Wild and Civil Robots in Kanno So's Artworks
12.15 – 13.00	Lunch

13.00 – 13.15	Welcome to MOCO'24 - Laura Karreman
13.15 – 13.45	MOCO-related research at Utrecht University - Maaïke Bleeker
13.45– 14.45	Keynote Gibson/Martelli
14.45 – 15.15	Break
15.15 – 16.30	Panel 1: Beyond Control: Reflecting on Emerging Technologies <ul style="list-style-type: none"> • Anthony Enns and Evelyn Wan - Tracking Movement and Activity in Haunted Houses and Smart Houses: The Horrors of Networked Domestic Spaces • grisha coleman - Blk as Tek echo::system and Black Performance Technologies • Kelsey Cotton - Singing for the Missing: Bringing the Body Back to AI Voice and Speech Technologies
16.30 – 18.00	Opening drinks
Evening	Recommended: SPRING Festival visit on your own

Conference Day 2 – Friday 31 May Locations: Morning: Zalen van Zeven (Boothstraat 7, Utrecht) Afternoon: Parnassos Cultural Centre (Kruisstraat 201, Utrecht)	
9.00 – 9.30	Conference registration - Zalen van Zeven, Boothstraat 7 Coffee & tea
9.30 – 11.00	Panel 2 - Interaction Design, Co-creation, and New Pedagogies <ul style="list-style-type: none"> • Kim Vincs - Volumetric Interaction: a new approach to expanding embodied experience in XR • Marco Gillies - 4i: Immersive Interaction design for Indie developers with Interactive machine learning • Cumhuriyet Erkut - Multimodal Looper: A Live-Looping System for Gestural and Audio-visual Improvisation • Clay Scofield - Out of Control: A Transformative Interactive Art Curriculum
11.00 – 11.30	Break
11.30 – 13.00	Panel 3: Embodied Archives: Critical Perspectives <ul style="list-style-type: none"> • Kate Elswit - When the Archive is a Body: Ethics and Challenges of Historical Motion Data • Vilelmini Kalampratsidou - Here is an episode! Synchronizing and organizing citizens' biosignals for global artistic inspiration • Christel Stalpaert - The Documentary Choreography of Necropolis: Unlearning Citizenship and Extractivism • Ezequiel Santos - Archiving and Digitization: The Resurgence of the Spirit

13.00 – 13.45	Lunch
13.45 – 14.00	Venue change: From Zalen van Zeven to Parnassos (10-minute walk)
14.00 – 18.00	<p>Parallel programme: Poster presentations and Practice Works Parnassos Cultural Centre, Kruisstraat 201</p> <p>Poster Sessions (14.00-15.00)</p> <ul style="list-style-type: none"> • Matteo Caravati - Interfacing ErgoJr with Creative Coding Platforms • Leah Donnelly - The Motion Augmented Acoustic Skate (MAAS) System: A Device for Real-Time Figure Skating Sonification • John Gunerli - Video Segmentation Pipeline For Co-Creative AI Dance Application • Siyuan Peng - Generation of Novel Fall Animation with Configurable Attributes • Prithvi Kantan - Developing an Integrated VR + Musical Feedback System for Stationary Biking in Endurance Training • Tommy Davis - eTu{d,b}e: Embodied eTube Gestures and Agency • Rui Antunes - LMA driven Dynamic Audiovisuals in a Virtual Reality Live Dance Performance: Ghostdance • Alberto Villani - From Cage to Stage: Mapping Human Dance Movements Onto Industrial Robotic Arm Motion • Nuno Correia - Best Practices for Technology-Mediated Audience Interaction in Dance Performances • Satomi Tokida - Dance with Rhythmic Frames: Improving Dancing Skills by Frame-by-Frame Presentation • Marina Stergiou - Dancing with Themselves: An extended reality experiment for capturing partner dances <p>Practice Works (14.00-18.00)</p> <ul style="list-style-type: none"> • Nick Atkins - Message Bank • Autumn Mist Belk - Unearthing Embodied Knowledge: A somatic practice for all movers • Xavier Boissarie, Dereck Cayla, Rôles de danse • Kristin Carlson and Greg Corness - Catching the Inverse Ghosts • John McCormick - Real Robot Dance Challenge • Mark-David Hosale and Elizabeth Jochum - BEAM workshop • Agelos Gkiokas - Workshop: AI and VR tools for better understanding, preservation, enjoyment and accessibility of dance and theatre performances (PREMIERE research project) • Steven Kemper - Zephyr Mekhane: an Interactive Installation for Vibration-Motor Activated “Wind” Chimes • Kate Ladenheim - COMMIT! • Instituto Stocos / Pablo Palacio - OECUMENE / Embodied Machine • Nicola Plant - Layering Embodied Data: Experiments in Visualising the Historical Evolution and Bodily Transmission of a Dance Technique • Megan Young - With What?: Moving through place as time

	<ul style="list-style-type: none"> Norah Zuniga Shaw - Livable Futures Workshop: The Unarrivable Horizon
18.00 – 19.00	Dinner on your own
19:00 – 20:15	SPRING & MOCO: Performance Visit 1 Agrupación Señor Serrano – <i>Una Isla</i> Location: Utrecht City Theatre (4-minute walk from Parnassos)

Conference Day 3 – Saturday 1 June Location: Zalen van Zeven (Boothstraat 7) <i>NB: On Saturday 1 June UTRECHT PRIDE 2024 is happening</i>	
9.00 – 9.30	Conference registration Coffee & tea
9.30 – 11.00	Panel 4: Motion and AI - Chair Zerrin Yumak <ul style="list-style-type: none"> Sarah Nabi - Embodied exploration of deep latent spaces in interactive dance-music performance Ruilin Xu - DanceCraft: A Music-Reactive Real-time Dance Improv System Paritosh Sharma - Sign Language Synthesis using Pose Priors Joyce den Hertog - SWDance: Transfer Learning Text-To-Motion Models to Generate Choreography Conditioned on Spoken Word
11.00 – 11.30	Break
11.30 – 13.00	Panel 5: Embodied Interfaces: Exploring Dance, Disability, and Becoming-with - Chair Irene Alcubilla Troughton <ul style="list-style-type: none"> Sarah Whatley - Touch, consent and the interplay between dance, disability and robotics Avital Meshi - The New Vitruvian: Becoming-with an AI Recognition Algorithm Sam Trolland - Visual instrument co-design embracing the unique movement capabilities of a dancer with physical disability Hugh Alexander von Arnim - The Shapeshifter: a motion capture and interactive dance for co-creating the body
13.00 – 13.45	Lunch
13.45 – 15.15	Panel 6: Human Robot Interaction in Participatory Performance - Chair Kim Baraka <ul style="list-style-type: none"> Louis-Philippe Demers - Participative Robotics and The Spectacle of Motion Capture Melissa Sexton - An ethnography of autonomous delivery robots in restaurant work Edwin Dertien - Improvisation Theatre as HRI simulation tool Patrick Martin - A Prototype Platform for Live Human-Robot Choreography

15.15 – 15.45	Break
15.45 – 17.30	Panel 7: Innovative Tools, Methods, and Models for Analyzing Movement <ul style="list-style-type: none"> • Rebecca Salzer - The Chaos and Possibilities of Crowdsourced Dance Data • Tyray Wang - Innovative Methods in Analyzing Chinese Opera Movements using 3D Motion Capture Technology and Generative AI • Shuhei Tsuchida - Automatic Dance Video Segmentation for Understanding Choreography • Lucy Strauss - Towards a Machine Somaesthete: Latent Modeling of EMG Signals in Viola Playing • Anton Koch - Engineering Autonomy: Countercultures in Coding
Afternoon / Early evening	Dinner on your own Recommended: Get a taste of UTRECHT PRIDE
20:00-21:00	SPRING & MOCO: Performance Visit 2 Choy Ka Fai – <i>Unbearable Darkness</i> Location: Utrecht City Theatre (7-min walk from Zalen van Zeven)

Conference Day 4 – Sunday 2 June Location: Het Huis (Boorstraat 107)	
9.00 – 9.30	Coffee & tea
9.30 – 11.15	Panel 8: Embodied Knowledge in Virtual Environments - Chair Yotam Shibolet <ul style="list-style-type: none"> • Adriana la Selva and Ioulia Marouda - Sensing the archive Crossmodal translations of embodied knowledge in virtual environments • Megan Beckwith - Virtual Reality and Somatic Dance: The subjective first-person immersion • Marion Voillot - Collective and embodied storytelling in kindergarten using a gesture-sound interactive system • Hanna Pajala-Assefa - Choreographing in VR: Introducing ‘Substitute Performers’ as Informants in the Choreographic Process • Pat Pataranutaporn - Human-AI Co-Dancing: Evolving Cultural Heritage through Collaborative Choreography with Generative Virtual Characters
11.15 – 11.45	MOCO 10th Anniversary Cake
11.45 – 12.45	Roundtable: Looking Back, Looking Forward: MOCO’24 and Future MOCO
12.45 – 13.00	Ending Remarks
13.00 – 14.00	Closing lunch