



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	<p>Doctoral Consortium: MOCO Emerging Scholars</p> <p>- Chairs: Irene Alcubilla Troughton and Yotam Shibolet</p> <ul style="list-style-type: none"> ● Molly Joyce - Crippling Virtuosity: Cultivating Virtuosity from Disability through Music Technology ● Caoimhe Wandel-Brannigan - Beyond the Body: Unraveling the Nexus of XR Dance, Collaborative Practice and Politics ● Soyun Jang - Attunement to a Robot Arm: Designing Movements for, and Dancing with a KUKA Robot ● Ruowen Xu - Fabulation and Fetishization of Interaction: Wild and Civil Robots in Kanno So's Artworks ● Vaishnavi Prativadi - Tracing the Dynamics of Movement: Insights from Indian Textual Sources <p>Break: 10.30 – 10.50</p> <ul style="list-style-type: none"> ● Jonathan Kirn - Capturing Movement in Cymatics: On Movement Escaping Boundary-Making Practices ● Helena Miko - Bodily TechRoutines in postdigital dance practice and research – an analysis of „phygital“ dance making and learning. ● Nigel Guérin-Garnett - Machinatia: Choreo-technological Practice ● Jose Hopkins - Affective Corporealities in VR: Reshaping the Human-Technology Interface ● Yotam Shibolet - Embodied narrativity

12.15 – 13.00	Lunch
13.00 – 13.20	Welcome to MOCO'24 - Laura Karreman
13.20 – 13.45	MOCO-related research at Utrecht University - Maaïke Bleeker
13.45 – 14.45	Keynote Gibson/Martelli - Chair: Laura Karreman
14.45 – 15.15	Break
15.15 – 16.30	Panel 1: Beyond Control: Reflecting on Emerging Technologies - Chair: Kate Elswit <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 – 17.30	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 Chair: Frédéric Bevilacqua <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 ● Pelin Kiliboz and Cumhur 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	<p>Panel 3: Embodied Archives: Critical Perspectives - Chair: Sarah Whatley</p> <ul style="list-style-type: none"> ● Harmony Bench and Kate Elswit - When the Archive is a Body: Ethics and Challenges of Historical Motion Data ● Vilelmini Kalamratsidou - 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

	<ul style="list-style-type: none"> ● 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, Harmony Bench and Kate Elswit - Layering Embodied Data: Experiments in Visualising the Historical Evolution and Bodily Transmission of a Dance Technique ● Megan Young - Immersive Experiences in Socially Engaged VR Exploring the uniquely human vernacular of “With What?” ● Norah Zuniga Shaw, Bhumi Patel, LROD - 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 ● 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 ● Tai-Jui Wang - Innovative Methods in Analyzing Chinese Opera Movements using 3D Motion Capture Technology and Generative AI
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	<p>Panel 6: Human Robot Interaction in Participatory Performance</p> <p>- Chair: Kim Baraka</p> <ul style="list-style-type: none"> ● Louis-Philippe Demers - Participative Robotics and The Spectacle of Motion Capture ● Melissa M. Sexton - Food is on the way! What do mobile robots in restaurants teach us about embodiment? ● Edwin Dertien - Improv Theatre as Simulation Tool for HRI Design Education ● Patrick Martin - A Prototype Platform for Live Human-Robot Choreography
15.15 – 15.45	Break
15.45 – 17.30	<p>Panel 7: Innovative Tools, Methods, and Models for Analyzing Movement</p> <p>- Chair: Kim Vincs</p> <ul style="list-style-type: none"> ● Rebecca Salzer - The Chaos and Possibilities of Crowdsourced Dance Data ● 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 ● Marion Voillot - Collective and embodied storytelling in kindergarten using a gesture-sound interactive system
Afternoon / Early evening	<p>Dinner on your own</p> <p>Recommended: Get a taste of UTRECHT PRIDE</p>
20:00-21:00	<p>SPRING & MOCO: Performance Visit 2</p> <p>Choy Ka Fai – <i>Unbearable Darkness</i></p> <p>Location: Utrecht City Theatre (7-min walk from Zalen van Zeven)</p>

Conference Day 4 – Sunday 2 June	
Location: Het Huis (Boorstraat 107)	
9.00 – 9.30	Coffee & tea
9.30 – 11.00	<p>Panel 8: Embodied Knowledge in Virtual Environments - Chair: Yotam Shibolet</p> <ul style="list-style-type: none"> ● Adriana la Selva and Ioulia Marouda - Sensing the archive Crossmodal translations of embodied knowledge in virtual environments

	<ul style="list-style-type: none"> ● 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
11.00 – 11.30	MOCO 10th Anniversary Cake
11.30 – 12.30	Roundtable: Looking Back, Looking Forward: MOCO'24 and Future MOCO - Chair: Elizabeth Jochum With: Norah Zuniga Shaw, Frédéric Bevilacqua, Ruth Gibson, Bruno Martelli and others
12.30 – 12.45	Ending Remarks
12.45 – 14.00	Closing lunch