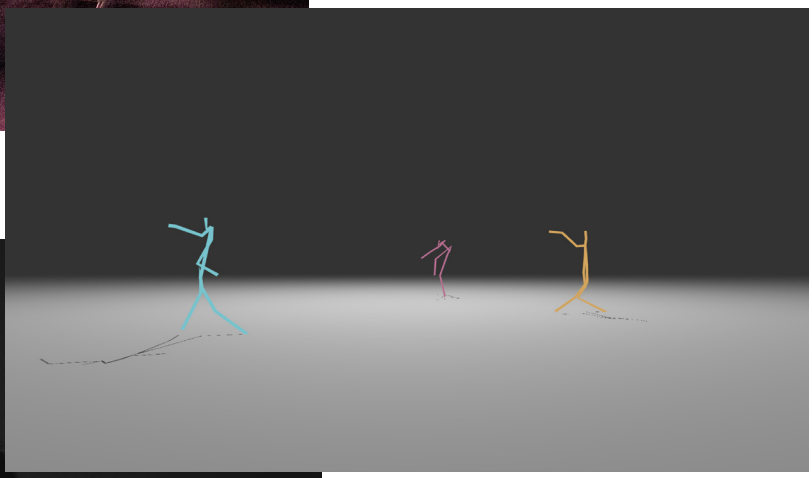
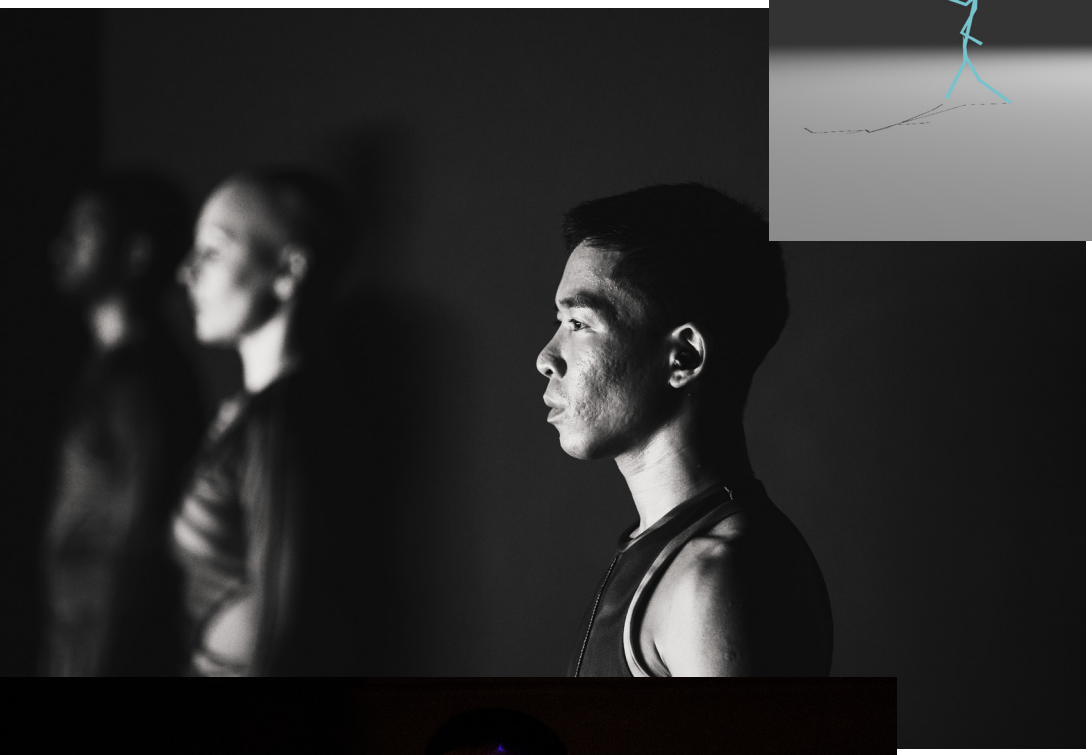
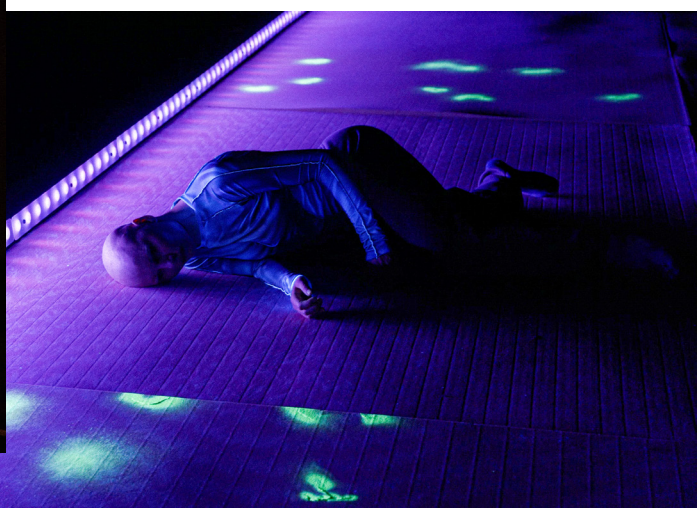
Deep.Dance

—about coding choreography—portfolio







Three dancers enter into a hermetically soft choreography generated entirely by an artificial intelligence and explore the hyper-logical creativity of code.

In Deep.Dance an international team of artists steps aside, allowing artificial intelligence to take center stage. Crafted by their programmed artificial neural network, a meticulously detailed choreography unfolds seamlessly through the movements of three dancers. The uncanny familiar gestures provide a poignant glimpse into the hyper-logical realm of code, inviting viewers to contemplate a construct accessible to few yet shaping our future. Hamburg-based choreographer Jascha Viehstädt creates a quiet and tender world of statistically predetermined movements, illustrating the essence of human creativity computed by a machine. The piece's uncompromising simplicity serves as a window into the fundamental mechanics of software and machine learning, probing the hopes and fears intertwined with the evolution of artificial intelligence.

MEDIA

Trailer:	https://vimeo.com/559893868
Full Video:	https://vimeo.com/564208065/9844752770
Website:	https://deep.dance/

Press: „…threateningly successful interplay of artificial conceptual and human-bodily-motor intelligence“
Robert Matthies, 26.06.2021, https://taz.de/Kuenstliche-Intelligenz-in-der-Kunst/!5778800/

TEAM

Choreography, Artistic Direction:	Jascha Viehstädt
AI Development, Coding, 3D Design:	Erik Kundt, Lea Schörling
AI Development, Coding:	Nikolas Zöller
Dance, Creation:	Girish Kumar, Lisa Rykena, Raymond Liew Jin Pin
Stage:	Takaya Kobayashi
Outfit:	Mia Wittenhaus
Dramaturgy:	Felix Meyer-Christian
Outside Eye:	Chikako Kaido
Graphic Design, PR:	Julia Löffler, Lukas Besenfelder
Technical Direction:	Erik Kundt
Production Assistant:	Nika Viehstädt
Video:	Thomas Oswald
Photo:	Marcus Renner

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TOURING INFO

The work is highly customisable to many venues due to the modular structure of the stage and the integrated sound and lighting system.

- ~60 minutes runtime, max. 7 persons total, up to 3 performers on stage.
- Required premises: Possibility of darkening, for full-version min. 9x9m free space (for a scaled version a smaller space might be possible), power supply.
- No stage equipment required. Stage flooring (foam), lighting and sound equipment is integrated into the stage construction and is part of the tour.
- Adjustments to the piece (number of performers, size and scope of the stage set-up) are possible by arrangement.
- Detailed technical rider on request.

Deep.Dance—EXHIBITION VERSION

Amidst the recent buzz in AI advancements our exhibition marks a re-entry into the conversation. Within a museum context, we present an immersive installation featuring a dance performance that unveils and makes tangible the intricate components of the original choreography:

- Visualised choreography for three figures, which was output by the neural network and then precisely rehearsed by the dancers
- The audio score created by the dancers to precisely adhere to the timing and movement sequences of the original choreography (audible via in-ear headphones for the performers during the performance, but not for the audience);
- LED light modules and interface that reproduce the position of the original figures in real time in the performing space.
- Minimalist soundscape; a mix of field recordings and dynamic fade-ins of the dancers‘ audio scores.

Coordinated via a server, the installation peels back the layers, revealing individual elements and offering a unique perspective on the choreography, that will be performed once a day in the very same space.

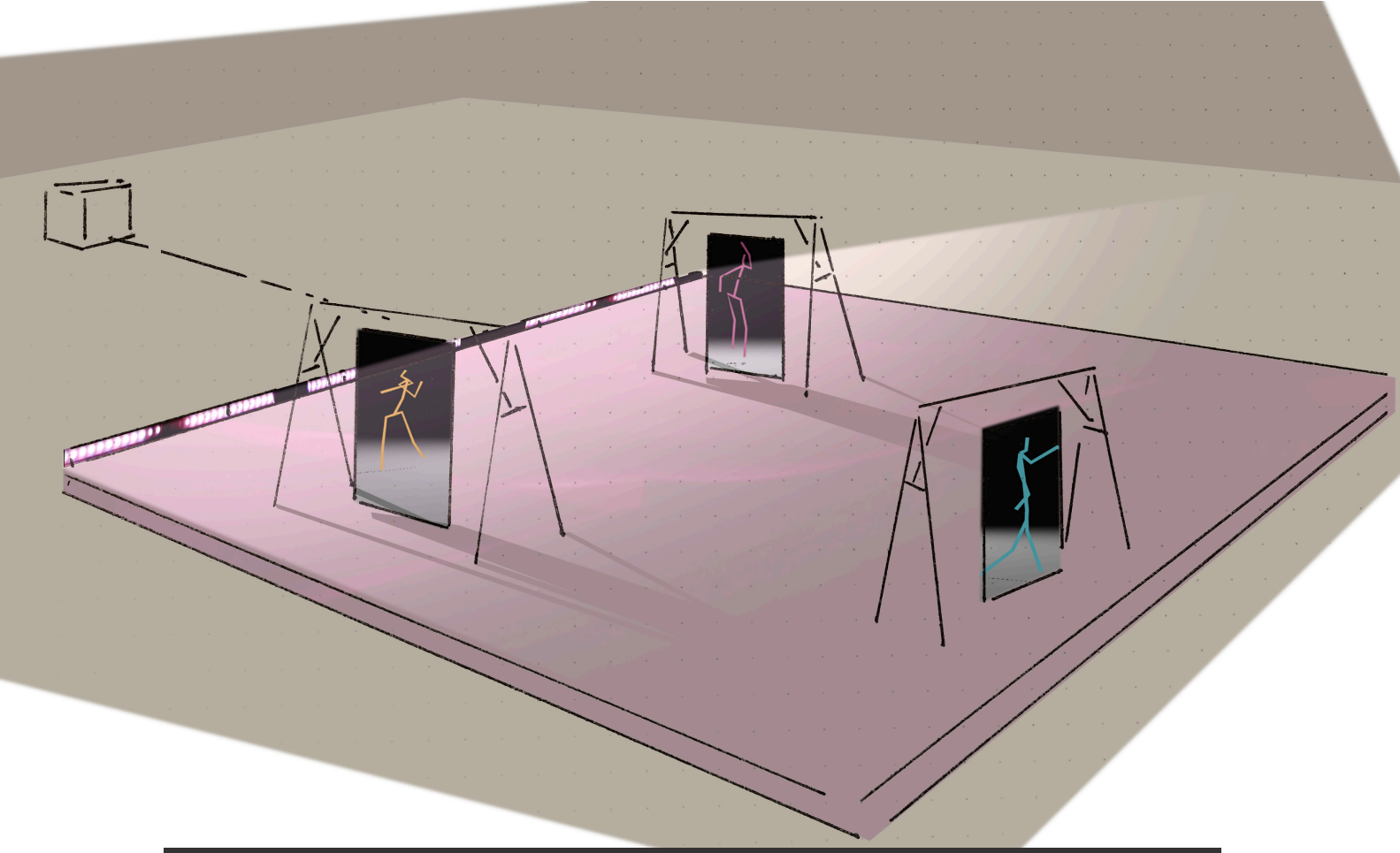
INSTALLATION

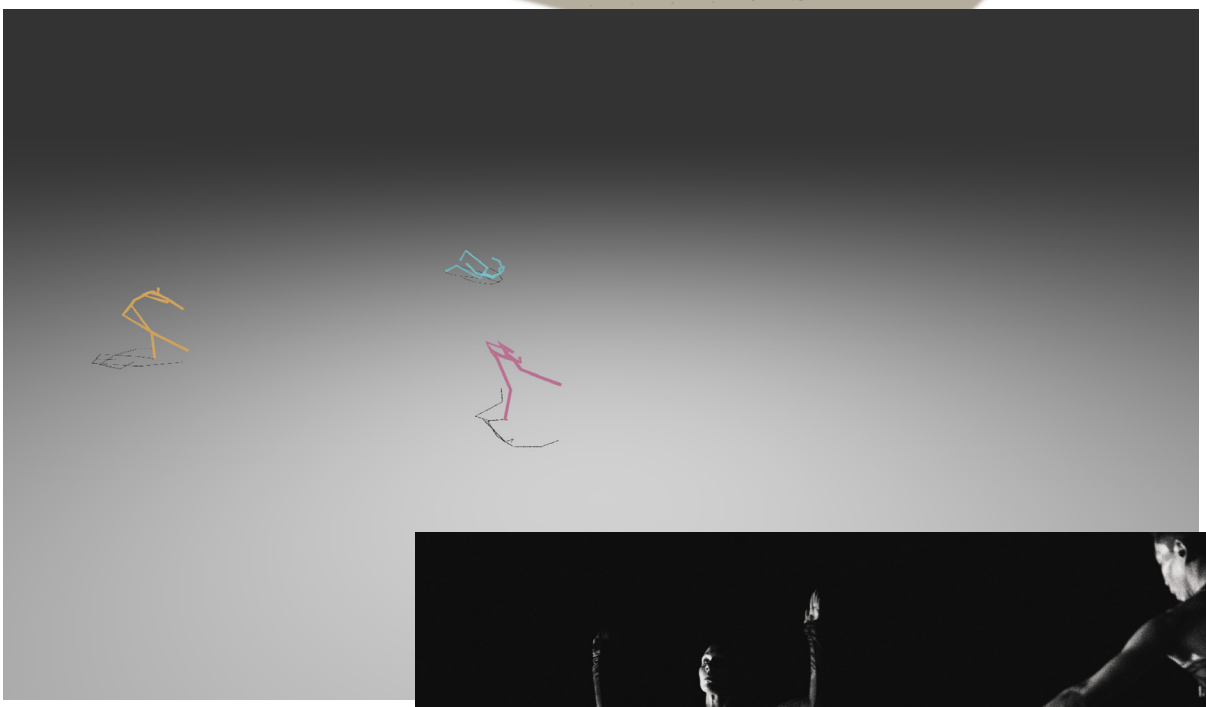
—shows the original output of the artificial neural network programmed for Deep.Dance via monitors on the stage area in a 60-minute loop:

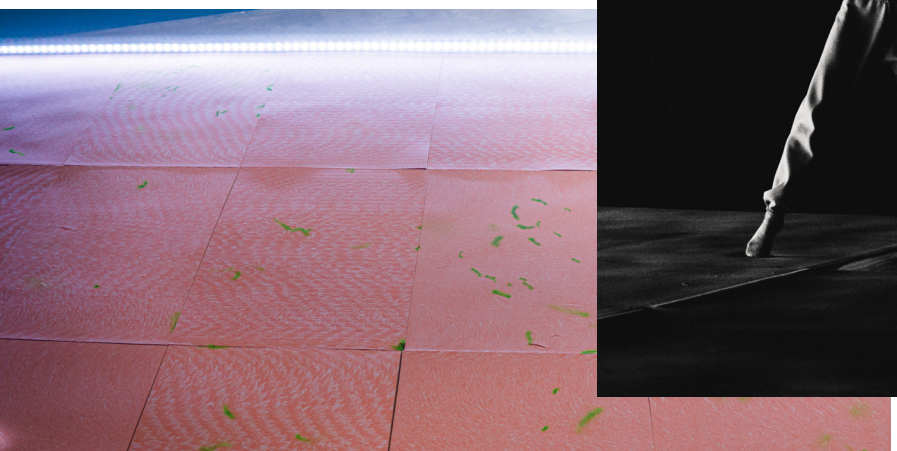
- Stage / exhibition area approx. 9 square metres made of 10 cm high, specially made foam
- 3 monitors show the visualised live-output of the machine learning server
- Server controlled LED strips indicates the position auf the original figures
- Original soundscape of the performance
- Audio score of the performers with voice-coded timings and instructions for the choreography - available via QR code in real time, possibly also via local headphone station

PERFORMANCE

—replaces a 60-minute loop of the echibition at a fixed time with performers who exactly reproduce the choreography previously shown on the monitors on the exhibition space.







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