

Elizabeth Prater Walton

CHOREOGRAPHER & RESEARCHER IN MOVEMENT & TECHNOLOGY

☎ (+33) 06 42 13 67 16 | ✉ elizabeth.walton@protonmail.com | 🏠 <https://epwalton.github.io/>

Artist Summary

I am fascinated by the implications of technology in creation contexts. Dancers constantly receive external information, react, translate and transform it, before responding through movement. In this interaction loop, technology can appropriate roles within the constellation of actors or mediate activities in which current actors can take on new roles. This practice inherently lends itself to critical reflection on both the social scenario and technological tool. My practice creation-through-research matured during a PhD I defended in March of 2022. Frédéric Bevilacqua of IRCAM was my project coordinator and choreographer Liz Santoro participated in my final thesis project.

Workshops

- Centre Nationale de Danse (CND)** Paris, France
CAMPING WITH AYELEN PAROLIN, DANIEL LINEHAN & MICHEAL HELLAND June 2022
• Investigated concepts including: coherence in absurdity, play in repetition, Tending & Tuning
- Atelier de Paris** Paris, France
MASTERCLASS WITH LIZ SANTARO, MYRIAM GOURFINK Feb 2020, Aug/Sept 2020/21
• Investigated concepts including: circumventing habitual (un)patterns, energy yoga, Laban-based notation
- The Selfy Project** Online- Confinement
RESEARCH WORKSHOP WITH GIORGOS SORAS DELIGIANNIS May 2020
• Investigated concepts including: physicality of the digital space, act of gazing in the selfie camera, experiencing the non-body
- Choreographic Coding Lab** Amsterdam, the Netherlands
FIBER, ICK AMSTERDAM, DANSMAKERS, & MOTION BANK May 2019
• Engaged in program meant to bring together researchers & artists alike around the subjects of movement, digital tools, & code
• Co-created & performed with a prototype which trained an ML-based system to recognize specific positions of the body

Training

- 2019-2022 **Studios Vinyasa Yoga Paris, Gianna Dupont**, Vinyasa, Energy yoga classes Paris, France
2018-2021 **Micadanses**, Classes with Peter Goss, Agnès Dufour, Gaga teachers, etc. Paris, France
2018-2021 **Studio Harmonic**, Classes with Julien Deplantez, Wayne Byars, etc. Paris, France
2017-2018 **Le Centre de Danse Emilie Kern**, Horton & contemporary classes Grenoble, France
2013-2017 **Koresh Dance Company School**, Contemporary modern courses with Roni Koresh, etc. Philadelphia, PA
2006-2013 **River City Ballet Pre-Professional Company**, Performing pieces including Kitri from *Don Quixote*, Sugar Plum Fairy from *The Nutcracker*, etc., under direction of Kristen Wenrick Louisville, KY

Publications

- 2022 **Elizabeth Walton**, Wendy Mackay. *Dance Transitions: What Forms of Technology Best Support Professional Dancers as They Learn New Movement Styles?* In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI 2022) New Orleans, Louisiana, USA
- 2021 **Elizabeth Walton**, Baptiste Caramiaux, Sarah Fdili Alaoui, Frédéric Bevilacqua, Wendy Mackay. *Reconciling Technology-Driven and Experiential Approaches for Movement-Based Design*. In Proceedings of the 32th Conference on l'Interaction Homme-Machine Virtual Event, France

Education

- Université Paris-Saclay & Inria Saclay** Orsay, France
PHD IN HUMAN-COMPUTER INTERACTION 2018 - 2022
Title: *Dance Style Transitions : From Dancers' Practice to Movement-Based Technology*, Supervised by Wendy E. Mackay
- Institut Polytechnique de Grenoble - Ensimag** Saint-Martin-d'Hères, France
M.S. IN UBIQUITOUS AND INTERACTIVE SYSTEMS 2017 - 2018
- University of Pennsylvania School of Engineering and Applied Science** Philadelphia, PA, USA
B.A.S. IN COMPUTER AND INFORMATION SCIENCE, MINOR IN ENGINEERING ENTREPRENEURSHIP 2013 - 2017