

# Sarah FDILI ALAOUI

Born 30/12/1984 (41 years old), French, 2 children born in May 2020 and May 2025

Professor in Human-Computer Interaction at the Creative Computing Institute, University of the Arts London, Dance Artist

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[Google Scholar page](#)

## ACADEMIC EMPLOYMENT HISTORY

07/2026 - Present	Professor of HCI	CCI, University of the Arts London, UK
11/2023 - Present	Reader in HCI	CCI, University of the Arts London, UK
03/2023 - 10/2023	Associate Professor, HDR	LISN, INRIA, Université Paris Saclay, Orsay, France
10/2016 - 02/2023	Associate Professor	LISN, INRIA, Université Paris Saclay, Orsay, France.
09/2018 - 08/2020	Research Sabbatical (Délégation)	INRIA Team Ex)situ, Orsay, France
10/2015 - 09/2016	Assistant Professor	LISN, INRIA, Université Paris Saclay, Orsay, France.
09/2013 - 08/2015	Postdoctoral Researcher	SIAT, Simon Fraser University, Vancouver, Canada
03/2013 - 08/2013	Postdoctoral Researcher	IRCAM, Université Paris 8, Paris, France
09/2012 - 08/2013	Associate lecturer (ATER)	LIMSI, Université Paris Saclay, Orsay, France.

## EDUCATION

Defence	PhD in Computer Science, Human Computer Interaction <a href="#">[PhD]</a>
19/12/2012	<i>Analyse du geste dansé et retours visuels par modèles physiques : apport des qualités de mouvement à l'interaction avec le corps entier.</i> Reviewers : Catherine Pelachaud and Sylvie Gibet. Examiners : Nuno Correia, Michel Beaudouin-Lafon Supervisors : Christian Jacquemin and Frédéric Bevilacqua IRCAM, Université Paris Sud, Orsay, France.
2007	MSc. in Applied Mathematics, Major: Machine Learning (obtained with honors) University Joseph Fourier, Grenoble, France.
2007	Engineering Degree in Applied Mathematics & Computer Science (obtained with honors) INPG-ENSIMAG (French Grande Ecole), Grenoble, France.
2004	Classes préparatoires for entrance examinations to the French Grandes Ecoles (MPSI/MP*) CPGE Janson De Sailly. Paris, France.

## FURTHER QUALIFICATIONS BEYOND THE PHD

Defence 22/03/2023	Habilitation à Diriger les Recherches <sup>1</sup> <a href="#">[HDR]</a> <i>Dance-led research</i> Reviewers : Kristina Höök, Peter Dalsgaard and Atau Tanaka Examiners : Fabienne Martin-Juchat and Caroline Appert Université Paris Saclay, France.
2016	Certification in Experience explication and micro-phenomenology Expliciter, Paris, France
2015	Certification in Laban Movement Analysis. Laban Institute For Movement Studies, New York City, USA.

## MAIN PUBLICATION VENUES

CHI <sup>2</sup>	ACM SIGCHI Conference on Human Factors in Computing Systems
DIS	ACM Conference on Designing Interactive Systems
C&C	ACM Creativity and Cognition Conference
MOCO	International Conference on Movement and Computing
CSCW	ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing
IHM	Conférence Francophone sur l'Interaction Humain-Machine

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<sup>1</sup> In HCI, the ACM A/A+ conferences such as CHI, DIS, CSCW, or C&C are the most prestigious publication venues (among all journals and conferences) thanks to their rigorous review process (with at least 2-3 independent reviewers, and 2-3 meta-reviewers), their program committee, their highly competitive acceptance rate (~20%), the visibility they provides, and their number of attendees. Proceedings of long conference papers from these conferences are equivalent to journal articles in other fields.

## AWARDS

2024	Best Paper Award [CHI 2024] <sup>2</sup> (Top 1% of the submissions) (A+)
2024	Best Paper Award [DIS 2024] (Top 1% of the submissions) (A+)
2023	Best Pictorial Honourable Mention Award [C&C 2023] (Top 5% of the submissions) (A)
2022	Best Paper Honourable Mention Award [CHI 2022] (Top 5% of the submissions) (A+)
2021	Best Pictorial Award [C&C 2021] (Top 1% of the submissions) (A)
2020	Best Paper Award [CHI 2020] (Top 1% of the submissions) (A+)
2019	Best Paper Honourable Mention Award [CSCW 2019] (Top 5% of the submissions) (A+)
2018	Doctoral and research supervision award (PEDR) of €15000 awarded by Université Paris Saclay
2012	Best Paper Honourable Mention Award [DIS 2012] (Top 5% of the submissions) (A+)

## ARTISTIC RESEARCH PROJECTS

Date	Project	In collaboration with	Residency / Commission
2024	<a href="#">For Patricia</a> (Dance Performance powered by AI)	Composer John Sullivan	Residency at the CNDB, Romania Commissioned by <a href="#">MODINA</a> program
2023	Raqasna (Community-led dance project)	The north African communities in north of Paris	Artist in Residency at Mains d'Oeuvres, Saint Ouen, France
2020	<a href="#">Some Assembly Reprocessed</a> (Dance Performance mediated by mobile technology)	Attack Theatre dance company	Commissioned by the <a href="#">University of Pittsburgh's Year of Creativity</a> and the <a href="#">University of Pittsburgh Art Gallery</a>
2020	<a href="#">VINTAGE</a> (Dance Performance mediated by mobile technology)	Choreographer Annika Kompart	Residency at the Performing Art Platform in Aarhus, Denmark.
2019	<a href="#">CO/DA</a> (Live coding, Dance and interactive sound)	Jules Francoise and Yves Candau	
2018	<a href="#">Radical Choreographic Object</a> (Participatory dance performance with)	Choreographer Jean-Marc Matos from K-danse Company.	Commissioned by Diagonale Paris Saclay
2017	<a href="#">Guide Pratique de l'Usage du Corps dans l'Espace Public</a> (Book +	Choreographer Rocio Berenguer from Pulso Company.	Commissioned by Diagonale Paris Saclay
2016	<a href="#">SKIN</a> (Interactive Dance Performance)	Videographer Tamara Erde.	Residency at Scene44 la Friche, Marseille
2016	<a href="#">Still, moving</a> (Interactive Installation and Dance Performance)	Jules Françoise and Yves Candau	Commissioned by the <a href="#">scores + traces</a> exhibition at the one Art space in NYC
2015	<a href="#">DANCE WORK / WORK DANCE</a> (Performance)	Choreographer Emmalena Fredriksson	School of Contemporary Art, SFU, Vancouver
2015	<a href="#">Worlds</a> (Interactive VR Dance Performance)	Artists Thecla Schiphorst and Athomas Goldberg	Emily Carr Mocup Studio, Vancouver
2014	<a href="#">Glass Dance and Connecting Movement</a> (Interactive VR Dance	Artists Thecla Schiphorst and Athomas Goldberg	Emily Carr Mocup Studio, Vancouver
2014	<a href="#">Decoding</a> (Video Tryptic)	Artist Thecla Schiphorst	Commissioned by "Coding the Body" Exhibition at Apexart Gallery / NYC
2013	<a href="#">Self and Self Portraits</a> (Interactive Dance Performance)	Composer Roxanne Nesbitt and dancer Alexa Marion	SIAT, SFU, Vancouver
2013	<a href="#">Longing and Forgetting</a> (Interactive installation on urban screen)	Artists Matthew Gingold, Thecla Schiphorst, Philippe Pasquier	School of Contemporary Art, SFU, Vancouver
2011	<a href="#">Chiselling Bodies</a> (Interactive Dance Performance)	Dancer Marion Cavallé from Ballet National de Marseille	
2011	A light Touch I and II (Interactive Installations)	Baptiste Caramiaux and Marcos Serrano	
2010	Sabour (Interactive Dance and Visual Performance)	Artists Elika Hedayat and Tamara Erde	Commissed by Le Fresnoy, Tourcoin, France
2010	Cloud (Interactive Multimodal	Nathalie Delprat and Claire Leroux.	
2009	<a href="#">Double Skin/Double Mind</a> (Interactive Installation)	Dance Company Emio Greco   Pieter C. Scholten.	Residency at Espaço do Tempo, Montemor-o-Novo, Portugal.

## FUNDING

### ACADEMIC FUNDING (TOTAL 1 146 898€ RECEIVED FUNDING FOR GRANTS AS PI/CO-I)

#### REGAINCCI: Responsible and Ethical Generative AI Innovation for Creative and Cultural industries

HORIZON Research and Innovation Actions grant, under review.

Co-I (UAL, University of Newcastle, IRCAM...Etc), **4,975,702€**, 36 months, award to be announced at the end of 2025.

### **DANCING: Changing Gaze in Dance Technology Design**

European Research Council (ERC) Consolidator Grant. I have passed phase 1 (30% success rate) and interviewed for phase 2.  
PI (single PI grant) (CCI UAL), **1,998,733€**, 60 months, to be resubmitted in 2027.

### **Living Archive: Designing Interactive Documentation of Dance Heritage**

"Jeune Chercheur" (JCJC) grant from the National Research Agency (ANR) in France  
PI (single PI grant) (Université Paris Saclay), **313,434€**, 42 months, beginning 03/2021

### **ELEMENT: Developing Machine learning systems that Enable Learnability in Embodied Interaction**

Funding "Projet Generic" (AAPG) from the National Research Agency (ANR) in France  
co-PI (Université Paris Saclay) with Frédéric Bevilacqua (IRCAM) and Jules Françoise and Baptiste Caramiaux (CNRS), **583 453€**, 36 months, beginning 09/2018

### **Living Archive: Designing an interactive system for the preservation of dance**

Funding for Emergent projects from the STIC science and technology department of the University of Paris Saclay  
PI (single PI grant) (Université Paris Saclay), **25,000€**, 12 months, beginning 09/2019.

### **Live-Coding and Augmented Dance: Studying Cognitive and Technological Solutions in Improvisation between Programmer and Dancer**

Funding from DIM RFSI from the Computer Science network of the Ile de France council.  
co-PI with Jules Françoise and Elise Prigent (Université Paris Saclay), **13,500€**, 12 months, beginning 01/2018

### **Studying Human–AI interaction for artistic creation**

Funding PEPS S2IH INS2I from the Institute of Information Sciences and Interactions of CNRS  
co-PI (Université Paris Saclay) with Baptiste Caramiaux (CNRS), **13,000€**, 12 months, beginning 03/2018.

### **Creation of an Interactive Archive of Isadora Duncan**

Funding "programme Aide à la recherche et au patrimoine en danse" from the National Center for Dance in France  
co-PI (Université Paris Saclay) with Elisabeth Schwartz (independent artist) and Rémi Ronfard (INRIA), **9,000€**, 12 months, beginning 05/2019.

### **Sabbatical in the INRIA Ex)Situ team to work on the Isadora Duncan interactive Archive**

Sabbatical funding (Delegation) allocated to me by INRIA Saclay, equivalent to a year's salary.  
PI (single PI grant) (Université Paris Saclay), **81,511€**, 12 months, beginning 09/2019.

### **Ph.D scholarship**

Allocated to me by the Computer Science doctoral school of the Université Paris-Sud.  
PI with my PhD supervisors, **108,000€**, 36 months, beginning 09/2009

## **FUNDING OBTAINED WITH MY PHD STUDENTS (TOTAL €771 000 RECEIVED)**

### **Doctoral scholarship for 4 Ph.D. students in HCI (from 2015 to 2026):**

Allocated to my PhD students, Marianela Cioffi, Jean-Philippe Rivière, Stacy Hsueh, and Léo Chédin by the Computer Science doctoral school of the Université Paris Saclay.  
co-I with the students and the co-supervisors, a total of **432,000€**, for 3 years of funding per student.

### **Doctoral scholarship for 2 Ph.D. students in Design (from 2023 to 2027):**

Allocated to my PhD students, Léa Paymal and Louise Grebel, by the ENS Saclay doctoral school of Design.  
co-I with the students and the co-supervisors, a total of **216,000€**, for 3 years of funding per student.

### **Doctoral scholarship from PEPR Ensemble for a Ph.D. student (from 2024 to 2027):**

Allocated to my PhD student, Lenny Martinez, by the PEPR ENSEMBLE.  
co-I with the students and the co-supervisors, a total of **108,000€**, for 3 years of funding, beginning 03/2024

### **Funding from PEPR ICARRE for 2 Ph.D. students (from 2023 to 2026):**

Allocated resources to my PhD student, Léo Chédin and Léa Paymal by the PEPR ICARRE.  
co-I with the students and the co-supervisors, a total of **15,000€**, for 3 years.

## **FUNDING AWARDED FOR ARTISTIC PRODUCTION AND TOURING (TOTAL €80 750 RECEIVED)**

### **Production and touring of the piece "For Patricia":**

Funding from the European project MODINA, Movement, Digital Intelligence and Interactive Audience  
co-PI with John Sullivan (as independent artists), **26,350€ + hosting and transportation**, 12 months, beginning 01/2024.

### **Production of the performance Radical Choreographic Object**

Funding "Projet Phare" from La Diagonale Paris Saclay  
co-PI (Université Paris Saclay) with Jean-Marc Matos (K-Danse Cie), **15,000€ + touring fees**, 12 months, beginning 2018.

### Production of the piece "Vintage" :

Residency funding from the Connection Platform in Aarhus in Denmark  
co-PI with Annika Kompart (independent artists), **5,000€ + hosting and transportation**, 6months, beginning 09/2019.

### Production of the performance SKIN

Funding "Coup de Pouce" of La Diagonale Paris Saclay.  
co-PI (Université Paris Sud) with Tamara Erde (independent artist), **5,000€**, 12 months, beginning 2016

### Touring SKIN for the cultural year France-Israel

Funding from the Institut Français and the Israeli embassy in France.  
co-PI with Tamara Erde (as independent artists), **5,000€**, 2 months, beginning 08/2018

### Organization of the conference MOCO in Vancouver

Connection Grant from the Social Sciences and Humanities Research Council of Canada (SSHRC)  
PI (Simon Fraser University), **24,900 \$CAD**, 2 months, beginning 08/2015

### Organization of the performance Hakanai by AM/CB during ISEA/MOCO.

Funding by the Institut Français in Canada and the Consulate of France in Vancouver  
PI (Simon Fraser University) , **11,400 \$CAD**, 2 months, beginning 08/2015

## PHD SUPERVISION AND SUPPORT FOR EARLY CAREER RESEARCHERS

### CURRENT PHD SUPERVISION

2024-present	Joe Meyer	Ph.D student at CCI, UAL	Rebecca Fiebrink (40%), Mick Grierson (30%) and Sarah Fdili Alaoui (30%)
2024-present	Ninon Ardisson	Ph.D student at CCI, UAL	Hunter Brueggemann (50%) and Sarah Fdili Alaoui (50%)
2024-present	Mariana Marangoni	Ph.D student at CCI, UAL	Eva Verhoeven (40%), Wesley Goatley (30%) and Sarah Fdili Alaoui (30%)
2024-present	Louise Grebel	Ph.D student at IRCAM	Frederic Bevilacqua (40%), Roland Cahen (30%) and Sarah Fdili Alaoui (30%)
2023-present	Lenny Martinez	Ph.D student at Sorbonne University	Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%)
2023-present	Léo Chédin	Ph.D student at University Paris Saclay	Jules Françoise (50%) and Sarah Fdili Alaoui (50%)
2023-present	Lea Paymal	Ph.D student at ENS Paris Saclay	James Auger (40%), Sarah Homewood (30%) and Sarah Fdili Alaoui (30%)

### PHD AND POSTDOC COMPLETIONS

2022-2026	Joana Chicau,	Ph.D student at CCI, UAL	Rebecca Fiebrink (40%), John Fass (20%) and Sarah Fdili Alaoui (40%)
2021-2025	Tove Grimstad Bang	Ph.D student at University Paris Saclay Now a Post-doctoral fellow at IRCAM	Sarah Fdili Alaoui (100%)
2020-2023	Manon Vialle	Ph.D student at Grenoble University Now works in industry	Melina Skouras (70%) and Sarah Fdili Alaoui (30%)
2018-2021	Elisabeth Walton	Ph.D student at University Paris Saclay Now Independant artist	Wendy Mackay (60%), Baptiste Caramiaux (20%) and Sarah Fdili Alaoui (20%),
2017-2020	Jean Philippe Rivière	Ph.D student at University Paris Saclay Now associate professor at University of Nantes	Baptiste Caramiaux (40%), Wendy Mackay (20%) and Sarah Fdili Alaoui (40%)
2016-2020	Stacy Hsueh	Ph.D student at University Paris Saclay now lecturer at Nottingham University	Wendy Mackay (50%) and Sarah Fdili Alaoui (50%)
2015-2018	Marianella Giolfi	Ph.D student at University Paris Saclay now associate professor at KTH University	Wendy Mackay (50%) and Sarah Fdili Alaoui (50%)
2022-2024	John Sullivan	Post-doctoral fellow at Université Paris Saclay Now Independant artist	Sarah Fdili Alaoui (100%)

### SUPERVISION OF MASTER'S STUDENTS' INTERSHIPS

David Le	Master's in HCI from the University of Weimar	Eva Hornecker (20%) and Sarah Fdili Alaoui (80%)
Leo Chedin	ARRC program from ENS-Paris Saclay	Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%)
Dylan Fluzin	Master's in Design from ENS-Paris Saclay	Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%)
Lea Paymal	Master's in Design from ENS-Paris Saclay	Sarah Fdili Alaoui (100%)
Catharina Allens,	Master's in HCID from Université Paris Saclay	Ozgun Kulic (500%) and Sarah Fdili Alaoui (50%)
Vennila Vilvanathan	Master's in HCID from Université Paris Saclay	Sarah Fdili Alaoui (100%)
Yassin Ben Lakhdar	Master's in HCI from IPP, Telecom Paris	Sarah Fdili Alaoui (100%)
Lea Paymal	Master's in Design from ENS-Paris Saclay	Sarah Fdili Alaoui (100%)

Jean Philippe Rivière	Master's in HCI from ENAC	Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%).
Stacy Hsueh	Master's in Design from ENSII	Wendy Mackay (50%) and Sarah Fdili Alaoui (50%)
Niels Mourette	Master's in Electronics from ENSAE	Sarah Fdili Alaoui (100%)
Pierre Mahé	Master's ATIAM from IRCAM	Frédéric Bévillacqua (50%) and Sarah Fdili Alaoui (50%)

## PHD/HDR THESIS REVIEWER/EXAMINER

2026	Yann Seznec	KTH University, Stockholm	External examiner
2026	Julio Andres Escudero	Coventry University	External examiner
2026	Madalina Nicolae	Télécom Paris, Paris	External examiner
2025	Nicole Robson	Queen Mary University, London	External examiner
2025	David Fierro	Université Paris 8, Paris	External examiner
2024	Oliver Hödl (HDR)	University of Vienna	Reviewer
2023	Joseph La Delfa	KTH University, Stockholm	External examiner
2023	William Primett,	Universidade NOVA de Lisboa	External examiner
2023	Benedikte Wallace	Oslo University	First opponent
2023	Marika Hedemyr	Malmo University	First opponent
2023	Loup Vuarnesson	SACRe University of PSL, ENSAD, Paris	External examiner
2022	Olivain Porry	SACRe University of PSL, ENSAD, Paris	External examiner
2019	Maxime Garcia	University of Grenoble Alpes	External examiner
2017	Andrew Bluff,	University of Technology Sydney	Reviewer

## MEMBER OF PHD COMMITTEE

2022-2025	María Concepción Valdez	CISECE, Baja California, Mexico	Member of Phd committee
2023-2024	Katerina Batziakoudi	LISN, INRIA, Université Paris Saclay	CSI, Internal examiner
2023-2024	Camille Dupré	LISN, INRIA, Université Paris Saclay	CSI, Internal examiner
2024	Esther Guy	INRIA Lille	CSI, External examiner
2021	Özgun Kilic Afsar	KTH University, Stockholm	30% Phd external examiner

## TEACHING

2024-2026	Research Methods	Masters of Research students (MRes)	CCI, UAL
2024-2026	Post Graduate Research Seminar	CCI MSc and PhD students	CCI, UAL
2015-2024	Creative Design	HCI/HCID MSc students	Université Paris-Saclay
2021-2024	Hybrid Interfaces	ARRC Graduate students	ENS Paris Saclay
2024	Workshop around the piece For Patricia	ARRC Graduate students	ENS Paris Saclay
2023	Workshop around the piece Game of Life (with Liz Santorro and Pierre Goddard)	ARRC Graduate students	ENS Paris Saclay
2020-2023	Art Studio with Centre Pompidou	Computer Science (CS) MSc students	Université Paris-Saclay
2015-2023	Design Project	HCI/HCID MSc students	Université Paris-Saclay
2021-2022	Digital Fabrication	HCI/HCID MSc students	Université Paris-Saclay
2015-2018	Programming in HCI	3 <sup>rd</sup> year CS undergraduate students	Université Paris-Saclay
2015	Programming in HCI	HCI/HCID MSc students	Université Paris-Saclay
2016-2018	Computer Graphics	Computer Science (CS) MSc students	Université Paris-Saclay
2016-2018	Business and Development Labs	HCID MSc students	Université Paris-Saclay
2016-2018	Innovation and Entrepreneurial Studies	HCID MSc students	Université Paris-Saclay
2015-2017	Gesture and Mobile Interaction	HCI/HCID MSc students	Université Paris-Saclay
2015-2016	Computer Graphics	HCI/HCID MSc students	Université Paris-Saclay
2012-2013	Introduction to Computer Science	Undergraduate Engineering students	Polytech Paris-Sud
2012-2013	Computer Graphics	Undergraduate Engineering students	Polytech Paris-Sud
2012-2013	Computer Graphics	MSc Engineering students	Polytech Paris-Sud
2009-2011	Algorithms	Undergraduate Engineering students	Polytech Paris-Sud
2009-2011	Computer Graphics in OpenGL	Undergraduate Engineering students	Polytech Paris-Sud
2009-2011	Human Computer Interaction	Undergraduate Engineering students	Polytech Paris-Sud
2009-2010	Programming in C++	MSc Engineering students	Polytech Paris-Sud

## KEYNOTE ADDRESSES

- Keynote at the CHI'26 Movement sonification workshop, Barcelona, 2026.
- Keynote at [Décoder l'IA : usages, enjeux et pratiques](#), at the CNSMDP (National Conservatory in Paris), Paris, 2025.
- Keynote at the [Journée Scientifique Interaction Humain Machine et Intelligence Artificielle](#), at the INRIA Lille, 2025.
- Keynote at the [Rencontres nationales sur les recherches en musique](#), at the Maison des sciences de l'Homme Paris, 2025.

- Keynote at [the International Conference on Interactivity & Game Creation ArtsIT 2024](#), NYU Abu Dhabi, 2024
- Keynote at the seminar [Between Research and Creation: Epistemologies, Models, Practices](#), IRCAM, Paris, 2024.
- Keynote at the [workshop on embodied perspectives on musical AI](#), University of Oslo, Norway, 2022
- Keynote at the "Anestis Logothetis Centenary Symposium", Greece, 2021
- Keynote at the workshop "Critical Perspectives on AI/ML in Musical Interfaces" à NIME, 2021
- Keynote at the graduation conference at ENS Paris Saclay, 2020
- Keynote on archiving Isadora Duncan, Centre National de la Danse, Pantin, 2020
- Keynote at the symposium of the Korean Society of Dance, Seoul, 2018
- Keynote at the conference [FAB'14](#), Toulouse, 2018
- Keynote at the "Workshop on Human-Machine Collaboration", IRCAM, Paris, 2018
- Keynote "Les robots sont-ils des créateurs comme les autres ?" organized by the SACEM at Sciences Po Paris, 2018
- Keynote at the workshop "Scénariser la danse par le numérique", University of Strasbourg, 2016
- Keynote at workshop/exhibition "Corps Réfléchis" by cie Entorse, Caen, 2016
- Keynote at the cycles organized by Miriam Gourfink at la Gaieté Lyrique, Paris, 2013
- Keynote at the cycles "Danse-Science Mélange" at the Centre National de la Danse, Pantin, 2013

## MASTERCLASS / WORKSHOPS / SEMINARS ORGANIZATION

- Masterclass on Movement Generation for Dance, at [Décoder l'IA : usages, enjeux et pratiques](#), CNSMDP Paris, 2025
- Organizer of the workshop [Body Politics: Unpacking Tensions and Future Perspectives for Body-Centric Design Research in HCI](#) at the ACM CHI conference, Yokohama, Japan, 2025.
- Organizer of the Movement research group session at the Nerve Lab at CCI UAL, London, UK, 2025.
- Organizer of the Choreographic Coding Lab at the Nerve Lab at CCI UAL, London, UK, 2025.
- Organizer of "DIS for Palestine meeting" at the ACM DIS conference, ITU Copenhagen, 2024.
- Organizer of the workshop [Futuring CHI\(Art\)](#) at the ACM CHI conference, Hamburg, Germany, 2023.
- Organizer of the seminar [Engaging technologies with communities and artistic practices](#), for the end of the ANR-funded project Living Archive at IRCAM, Paris, France, 2023.
- Organizer of the workshop, [the State of CHI-ART](#), at the ACM CHI conference, Online, 2022.
- Organizer of the seminar [Element Days](#), for the end of the ANR-funded project Element at IRCAM, Paris, France, 2022.
- Organizer of the seminar [Humains, trop humains... les sémantiques et mouvements de l'après](#) at IRCAM, in collaboration with Centre Wallonie Bruxelles, Paris, France, 2022.
- Organizer of the Seminar [Féminisme - Musique - Technologie](#) at IRCAM, in collaboration with Centre Wallonie Bruxelles, Paris, France, 2021.
- Organizer of the Panel [Dance: Between Living and Artificial](#) at the Forum Vertigo at IRCAM, Paris, France, 2020.
- Masterclass for students with disabilities at the Chamarande Centre for the Arts, Chamarande, 2020.
- Organizer of the seminar [There are no girls on internet: pourquoi le cyber féminisme ?](#) at IRCAM, Paris, France, 2019.
- Masterclass on gesture-sound Interaction, Conservatory of Vicenza, 2019.
- Masterclass on choreography and composition, Conservatory of Vicenza, 2019.
- Masterclass on Live Coding at [LAB-DAYS - MovA](#), Stereolux, Nantes, 2019.
- Organizer of the Panel [Coding the body](#) at the Forum Vertigo at IRCAM Centre Pompidou, Paris, France, 2018.
- Organizer of the Workshop "Creativity in HCI" at the IHM conference, Brest, France, 2018.
- Organizer of the Workshop on dance annotation at the MOCO conference, Genova, 2018.
- Organizer of the Workshop on experience explicitation technique at the MOCO conference, Goldsmiths, London, 2017.
- Organizer of the Hakanai performance by AM/CB during ISEA/MOCO in Vancouver, 2015

## DISSIMINATION

### INVITED TALKS

- Invited talk at the Dyson School at Imperial College, London, UK, 2024
- Invited talk at the Seminar MODINA" at [STL, Tallinn](#), Estonia, 2024.
- Invited talk at the Seminar MODINA at [Tanzhaus in Dusseldorf](#), Germany, 2024.
- Invited talk at the Seminar MODINA at [Trafo in Budapest](#), Hungary, 2024.
- Invited Talk at the [HCC seminar series at King's College](#), London, 2024
- Invited talk at the CAIDS at CCI, UAL, London, UK, 2024.
- Invited Panelist at [Fictions-Science: Le corps virtuose](#), Centre Pomidou, 2024
- Panel "Is it Art, is it HCI? Exploring the tensions between practice and research" at ACM CHI 2023, Hamburg, 2023.
- Invited talk at the event [de la mise en culture de la science à la recherche création](#) at ISEA, ENSAD, Paris, 2023.
- Invited talk at IT University of Copenhagen, 2023.
- Invited talk at the "éducation/transformation" days, IHEST/IHEMI CNAM, 2023.
- Invited talk at the [Etis-lab seminar](#), Université Paris Cergy, 2023.
- Invited talk at ["Résonner Le Deepscape"](#), Artec, Paris, 2022.

- Invited Talk at the University of Nantes, France, 2022
- Invited talk for high school students organized by Trace at ENSPG, Paris, 2022
- Invited talk at the [FFF Seminars](#) at the Interaction Design group of the university KTH, online, 2021
- Invited talk on "Enaction" at the seminar in honour of Francisco Varela at CRI, Paris, 2021
- Invited talk "conversation art science autour d'Isadora Duncan" with Rémi Ronfard, Elisabeth Schwartz, at CND Lyon, 2021
- Invited talk at the symposium [Colloque Croiser arts, design et sciences pour enseigner autrement](#), Centre Pompidou, Paris, France, 2021
- Invited talk at the University of Sussex "Research seminar series", online, 2021
- Invited talk at NYU Marl Speaker series, New York, 2020
- Invited talk at the Humanities Center, [Scholarship in Creativity](#), University of Pittsburgh, Pittsburgh, 2020
- Invited Panellist for the provocations, SloMoCo, online, 2020
- Invited talk at the [Virtual Creativity Collective Realities Days](#) at ENSAD, Paris, 2019
- Invited talk at the Center for Digital Creativity, Aarhus University, Aarhus, Denmark, 2019
- Invited talk at the "Transdisciplinarity - increasing scientific and artistic creativity", University of Paris Descartes, Paris, 2018
- Invited talk at the Master's AIMove, Mines ParisTech, 2018
- Invited talk at the ATI department, University of Paris 8, 2018
- Invited talk at the Computer Science Department of ENS Cachan, 2018
- Invited Panellist for the provocation "What escapes computation in interactive performance" at MOCO, Genova, 2018
- Invited talk at INRIA Rhône-Alpes, Grenoble, 2017
- Invited talk at the seminar "[Corps et Mobiles](#)", Sorbonne Nouvelle, Paris, 2017
- Invited talk at [l'IFIP TC13 & TC14 Open symposium](#), 2017
- Invited talk at CIRMMT at the University of McGill, Montreal, 2017
- Invited talk at la Casa Paganini Infomuse, Genova, 2016
- Invited talk at the workshop on « la Dynamique Interactionnelle du Geste », DIG, CNRS, Paris, 2016
- Invited talk at the Beyond Lab: « Entre L'Homme et la Machine: Défi des Nouvelles Interfaces », Orsay, 2016
- Invited talk at the workshop on Notation, Centre National de la Danse, Paris, 2015
- Invited talk at the University of Illinois, Champana Urbain, 2015
- Invited talk at the MIT Media Lab, Boston, 2014
- Invited talk on artistic research at IRCAM, Paris, 2013
- Invited talk on artistic research at EAVI Goldsmith Collège, University of London, London, 2013

## **PARTICIPATION IN WORKSHOPS / SEMINARS / DEMONSTRATIONS**

- Participation in the Seminar [Augmenting Human Creativity with AI](#), Dagstuhl Leibniz Center for Informatics, Germany, 2025.
- Participation in the Workshop [More Samples of One: Weaving 1stPerson Perspectives into Mainstream HCI Research](#) at the ACM DIS conference, ITU Copenhagen 2024, 2024.
- Demonstration at the "soirée des démonstrations" at the IHM conference, Sorbonne University, Paris, 2024
- Participation in the Workshop [Towards Mutual Benefit: Reflecting on Artist Residencies as a Method for Collaboration in DIS](#) at the ACM DIS, Pittsburgh, USA, 2023.
- Participation in the [MODINA kick-off](#) workshop in Tallinn, Estonia, 2023.
- Artistic demonstration at the [Human-Machine Collaboration workshop](#), Université Dauphine, Paris, 2022.
- Participation in a Workshop on Movement Futures, Vancouver, 2017.
- Participation in the May Residency workshop of the project MovingStories, Vancouver, BC, 2016.
- Participation in the [Reimaging and Reimagining Choreometrics Symposium](#) at University of Maryland, Washington DC, 2015.
- Participation in the Workshop « patrimoine culturel immatériel » at Mines de Paris, Paris, 2013.
- Participation in the May Residency workshop of the project MovingStories, Vancouver, BC, 2013.

## **SELECTED MEDIA PARTICIPATION**

- Interview "[IA & danse, une révolution en marche?](#)" by Adrien Cornelissen, Hacnum, 2025.
- Interview "[If you could see me](#)" for the magazine Revista Arta, online, 2024.
- Video "[Les femmes dans l'IHM](#)" supported by the Francophone organization for HCI, IHM'22, Namur, Belgium, 2022
- Interview by WONOMUTE (Women Nordic Music Technology), online, 2021
- [TEDx Saclay "Dancing in Digital"](#), Orsay, 2016
- Presentation at the 7th volume of PechaKucha Night Human x Technology Richmond, BC, 2014

## **ACADEMIC LEADERSHIP**

### **SELECTED ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES**

- Coordinator of the Doctoral program (PgR seminars), CCI, UAL, London, UK, 2024-present.
- Member of the launch group of the SIGCHI London Chapter, 2025-present.
- Vice-president of the [Francophone Association of HCI AFIHM](#), 2023-2024.
- Head of Diversity, Equity and Inclusion of the [Francophone Association of HCI AFIHM](#), 2022-2024
- Head of the [Human-Computer Interaction and Design](#) Master of the EIT Digital, Université Paris Saclay, 2018-2023.

- Head of the Innovation and Entrepreneurship Minor of the [Human-Computer Interaction and Design](#) Master program of the EIT Digital, University of Paris Sud, 2016-2020.
- Co-founder of the Post-master's degree [Année de Recherche en Recherche Creation \(ARRC\)](#) ENS Paris Saclay, France.

## INTERNATIONAL CONFERENCE ORGANIZATION

- Organizer of the ACM Creativity and Cognition Conference [C&C'25](#) online, 2025.
- Organizer of the ACM conference on Designing Interactive Systems [DIS'24](#) at ITU Copenhagen, Denmark, 2024.
- Organizer of the ACM conference on Designing Interactive Systems [DIS'23](#) at Carnegie Mellon University, Pittsburgh, USA, 2024.
- Organizer of the International Conference on Movement and Computing [MOCO'15](#) at SIAT SFU, Vancouver, 2015.
- Organizer of the [International Symposium on Electronic Arts](#) (ISEA) at SFU, Vancouver, 2015
- Organizer of the International Conference on Movement and Computing [MOCO'14](#) at IRCAM, Paris, 2014
- Organizer of the [Arts and Science days](#) at the University of Paris-Sud, Orsay, May 2012.
- Organizer of [Workshop on Movement Qualities and Physical Models Visualizations](#) at IRCAM, Paris, 2012
- Organizer of the "[Journée des Jeunes Chercheurs en Audition, Acoustique Musicale et Signal Audio](#)", IRCAM, Paris, 2010.

## INTERNATIONAL CONFERENCE CHAIRING

- Founder of the conference MOCO in 2014
- Member of the Steering Committee of the conference MOCO 2014-2022
- General chair of the conference [MOCO'15](#)
- General chair of the conference [MOCO'14](#)
- Technical Program chair of the conference [ACM C&C'26](#)
- Technical Program chair of the conference [ACM C&C'25](#)
- Papers chair of the conference [ACM C&C'23](#)
- Technical Program chair of the conference [ACM DIS'24](#)
- Technical Program chair of the conference [ACM DIS'23](#)
- Paper Sub-committee chair of the conference [ACM DIS'21](#)
- Performance and exhibition chair of the conference [ACM DIS'20](#)
- Member of the Program Committee (AC) of the ACM DIS'20, ACM DIS'21 and ACM DIS'22
- Member of the Program Committee (AC) of the ACM CHI'22 and ACM CHI'23
- Member of the Program Committee for the Works-in-Progress and Art.CHI of ACM CHI 2012, 2013, 2014, 2015 and 2017
- Member of the Steering Committee of the upcoming ACM Critical Computing Conference.

## REVIEWING ACTIVITIES

Since 2009, I have been a regular reviewer for major HCI conferences, including CHI, DIS, TEI, C&C, CSCW, UIST, NordiCHI, and INTERACT. I have been a regular reviewer for interdisciplinary conferences, including NIME, MOCO, and ISEA. I have also reviewed for journals including ACM Transactions on Computer-Human Interaction (TOCHI), Journal of Computers in Entertainment, the International Journal of Human-Computer Studies, the Journal of Human Technology, and the Journal of Multimodal Technologies and Interaction.

## ADVISORY BOARDS/SELECTION COMMITTEE MEMBER

- Member of the selection committee for an assistant professor in HCI at the University of Lille, 2021.
- Member of the selection committee for an assistant professor in Art et Technologies at the Université Paris 8, 2018.
- Member of the Jury of the [Dansathon](#) of the Biennale de Danse de Lyon, 2018
- Member of the board of the European project Wholodance, 2017.
- Member of the selection committee for an assistant professor in games and interactive media at CNAM, 2017.

## SELECTED PUBLICATIONS

### Journal Papers, Peer-Reviewed

- PLOSONE19** Ulysses Bernardet, Sarah Fdili Alaoui, Karen Studd, Karen Bradley, Philippe Pasquier, Thecla Schiphorst, "Assessing the Reliability of the Laban Movement Analysis System", PLOS ONE, 2019.
- Culture&Recherche17** Sarah Fdili Alaoui, "Vers une dramaturgie et un corps au numérique", Culture et Recherche n°135 2017.
- TIIS15** Sarah Fdili Alaoui, Frederic Bevilacqua, Christian Jacquemin, "Interactive Visuals as Metaphors for Dance Movement Qualities", in the ACM Transactions on Interactive Intelligent Systems (TIIS) 2015.
- IJPADM14** Sarah Fdili Alaoui, Cyrille Henry, Christian Jacquemin, "Physical Modelling for Interactive Installations and the Performing Arts", International Journal of Performance Arts and Digital Media (IJPADM) 2014.
- IJART13** Sarah Fdili Alaoui, Frédéric Bevilacqua, Bertha Bermudez, Christian Jacquemin, "Dance Interaction with Physical Model Visualization based on Movement Qualities", International Journal of Arts and Technology (IJART) 2013.

- IJODIR11** Nathalie Delprat, Claire Leroux, Sarah Fdili Alaoui, "Experience of a cloud-avatar: scientific challenges and artistic perspectives", International Journal of Design and Innovation Research, (IJODIR) 2011.
- JAR11** Bertha Bermudez, Scott deLahunta, Marijke Hoogenboom, Chris Ziegler, Frédéric Bevilacqua, Sarah Fdili Alaoui, Barbara Meneses Gutierrez "The Double Skin/Double Mind Interactive Installation", Journal for Artistic Research (JAR) 2011.

**International Conference Publications, Peer-Reviewed**

- C&C26** Sarah Fdili Alaoui, "An Autoethnography of Choreographing the Dance Performance "Vintage"", In the Proceedings of the ACM Creativity and Cognition (C&C), London, 2026.
- CHI26** Louise Grebel, Sarah Fdili Alaoui, Benjamin Matuszewski, Emilien Ghomi, Frederic Bevilacqua "Designing Interactive Movement Sonification For Hip-Hop Dance ", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Barcelona, 2026.
- CHI26** Léo Cheddin, Jules Françoise, Baptiste Caramiaux, and Sarah Fdili Alaoui. "Designing Movement Generation Models in Collaboration With Voguing and Dancehall Dancers", In Proceedings of ACM Conference on Human Factors in Computing Systems (CHI), Barcelona, 2026.
- CHI26** Téó Sanchez, Mariya Dzhimova, Stacy Hsueh, Sarah Fdili Alaoui, Vaynee Sungeelee, Baptiste Caramiaux "Artists on a Decade of AI Evolution: An Interview Study of Affordances, Culture, and Artistic Practice with Machine Learning", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Barcelona, 2026.
- MOCO26** Nuno N. Correia, Naoto Hieda, David Santos, Diogo Cabral, William Primett, Grigore Burloiu, Simona Deaconescu, Célia Bétourné, Max Levy, John Sullivan, Sarah Fdili Alaoui, "Fantasies, Obscurities and (Dis)Connections: Three Case Studies of Dance Artists' Creative, Embodied and Political Engagement with AI", In Proceedings of the 10th International Conference on Movement and Computing (MOCO '26), Montpellier, 2026.
- MOCO26** Danielle Lottridge, Sarah Fdili Alaoui, Antje Budde, Mark Chignell, Jessica Gomes-Ng, Joanna Cook, Roy Davies, and Rebecca Weber. 2026. Moving Contexts: How Culture, Context, and Movement Histories Shape Whole-Body Interaction in Aesthetic Environments. In Proceedings of the 10th International Conference on Movement and Computing (MOCO '26) Montpellier, 2026.
- MOCO26** Louise Grebel, Sarah Fdili Alaoui, and Frédéric Bevilacqua. 2026. Battles as Interactive Ecologies: Designing with Embodied Roles in Hip-Hop Performance. In Proceedings of the 10th International Conference on Movement and Computing (MOCO '26) Montpellier, 2026.
- C&C26** Joseph Meyer, Mick Grierson, Sarah Fdili Alaoui, Nick Bryan-Kinns, Rebecca Fiebrink "Latent Novelification: Expanding Generative Expressivity Through Objective-Defined Transformation", In the Extended Abstracts to the ACM conference on Creativity and Cognition, London, 2026.
- CHI26** Claudia Núñez-Pacheco, Pedro Sanches, Jesse Josua Benjamin, Johanna Nicenboim, Mirjana Prpa, Sarah Fdili Alaoui, Michelle Rennerova, "Where is the Body in Designing (Through) AI? Frictions and Opportunities in Integrating AI with Soma Design", Workshop at the Conference on Human Factors in Computing Systems (CHI), Barcelona, 2026.
- CHI26** Makayla Lewis, Denise Lengyel, Miriam Sturdee, Nick Bryan-Kinns, Mafalda Gamboa, Gabriella Di Feola, Swen E Gaudl, Silvia Carderelli-Gronau, Joseph Lindley, Sarah Fdili Alaoui, Gerard Nolan, "The Arts in HCI Tapestry: Networking, Making, and Reflecting Together", Meetup at the Conference on Human Factors in Computing Systems (CHI), Barcelona, 2026.
- CHI25** Lenny Martinez, Baptiste Caramiaux, Sarah Fdili Alaoui "Generative AI in Documentary Photography: Exploring Opportunities and Challenges for Visual Storytelling", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Yokohama, 2025.
- CHI25** Joana Chicau, Sarah Fdili Alaoui, John Fass, Rebecca Fiebrink "Human-Computer Counter-Choreographies: raising awareness of data tracking through live coding", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Yokohama, 2025.
- C&C25** Joana Chicau, Sarah Fdili Alaoui, Anne Lee Steele, Hazel Ryan, Yadira Sánchez, Romaine Gadelrab, Caroline Sindors, Mukul Patel, Gavin Starks, John Fass, Rebecca Fiebrink "Designing Counter-Choreographies: Embodied Choreographic Approaches for Critical Examination of Online Tracking", In Proceedings of the ACM Creativity and Cognition Conference (C&C), online, 2025.
- C&C\_EA25** Joseph Meyer, Nick Bryan-Kinns, Sarah Fdili Alaoui, Mick Grierson, Rebecca Fiebrink "Interactive Movement-to-Audio with Pre-Trained Neural Networks" Extended Abstract of the ACM Creativity and Cognition Conference (C&C), online, 2025
- CHI24** Stacy Hsueh, Marianela Ciolfi Felice, Sarah Fdili Alaoui and Wendy E Mackay. "What Counts as 'Creative' Work? Articulating Four Epistemic Positions in Creativity-Oriented HCI Research", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Hawaii 2024. **Best Paper Award.**
- DIS24** Tove Grimstad Bang, Sarah Fdili Alaoui, Guro Tyse, Elisabeth Schwartz, Frederic Bevilacqua "A Retrospective Autoethnography Documenting Dance Learning Through Data Physicalisations", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), Copenhagen, 2024. **Best Paper Award.**
- DIS24** Xiao Xiao and Sarah Fdili Alaoui "Tuning In to Intangibility: Reflections from My First 3 Years of Theremin Learning", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), Copenhagen, 2024.
- CHI23** Tove Grimstad Bang, Sarah Fdili Alaoui and Elisabeth Schwartz "Designing in Conversation with Dance Practice", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Hamburg, 2023.

- CHI23** Tove Grimstad Bang and Sarah Fdili Alaoui "Suspended Circles: Soma Designing a Musical Instrument", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Hamburg, 2023.
- CHI\_EA23** Makayla Lewis, Miriam Sturdee, Thuong Hoang, Sarah Fdili Alaoui, Angelika Strohmayer, Mafalda Gamboa "Futuring CHIArts: Building a Collective Common Future" Workshop at the ACM Conference on Human Factors in Computing Systems (CHI), Hamburg, 2023.
- DIS23** John Sullivan and Sarah Fdili Alaoui "Embracing the Messy and Situated Design of Technology for Dance", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), Pittsburgh, 2023.
- C&C23** Manon Vialle, Sarah Fdili Alaoui, Mélina Skouras, Elisabeth Schwartz, "Supporting perception of spatiality in dance in augmented reality" In Proceedings of the ACM Creativity and Cognition Conference (C&C), online, 2023.
- C&C23** Léa Paymal, Sarah Fdili Alaoui "Physicalizing Loops" (Pictorial), In Proceedings of the ACM Creativity and Cognition Conference (C&C), online, 2023. **Best Pictorial Honorable mention Award**
- CHI22** Jules Françoise, Sarah Fdili Alaoui, Yves Candau "CO/DA: Live-Coding Movement-Sound Interactions for Dance Improvisation", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), New Orleans, 2022. **Best Paper Honorable mention Award**
- CHI\_EA22** Miriam Sturdee, Makayla Lewis Kingston, Mafalda Samuelsson-Gamboa, Thuong Hoang, Ilja Smorgun, Hohn Meirs, Pranjal Jain, Angelika Strohmayer, Sarah Fdili Alaoui, Christina Wodtke, "The State of the (CHI)Art", Workshop at the ACM Conference on Human Factors in Computing Systems (CHI), New Orleans, 2022.
- CHI\_EA22** Baptiste Caramiaux, Sarah Fdili Alaoui, Stacy Hsueh, "What Becomes of "Work" in AI "Artwork" ". Position paper for the Outsourcing Artificial Intelligence workshop, ACM Conference on Human Factors in Computing Systems (CHI), New Orleans, 2022.
- CSCW2022** Baptiste Caramiaux and Sarah Fdili Alaoui "Explorers of Unknown Planets": Qualitative Study on AI in Artistic Practice", In Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), online, 2022.
- DIS22** Catarina Allen d'Ávila Silveira, Ozgun Kilic Afsar, Sarah Fdili Alaoui "Wearable Choreographer: Designing Soft Robotics for Dance Practice" (Pictorial), In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), online, 2022.
- C&C22** Manon Vialle, Sarah Fdili Alaoui, Mélina Skouras, Vennila Vilvanathan, Elisabeth Schwartz, Remi Ronfard "Visualizing Isadora Duncan's movements qualities" In Proceedings of the ACM Creativity and Cognition Conference (C&C), Venice, 2022.
- IHM\_EA22** Sarah Fdili Alaoui, Anke Brock, "La voix des femmes au sein de l'AFIHM", Alt-IHM at the conference IHM, Namur, 2022.
- CHI21** Sarah Fdili Alaoui and Jean-Marc Matos. "RCO : Investigating Social and Technological Constraints through Interactive Dance". In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), online, 2021.
- CSCW21** Jean-Philippe Rivière, Sarah Fdili Alaoui, Baptiste Caramiaux, Wendy E. Mackay "Exploring the Role of Artifacts in Collective Dance Re-staging". In Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing, (CSCW), online, 2021.
- DIS21** Marianela Ciolfi Felice, Sarah Fdili Alaoui, Wendy E. Mackay, "Studying Choreographic Collaboration in the Wild", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), online, 2021.
- C&C21** Miriam Sturdee, Makayla Lewis Kingston, Angelika Strohmayer, Katta Spiel, Nantia Koulidou, Sarah Fdili Alaoui, Josh Urban Davis "A Plurality of Practices: Artistic Narratives in HCI Research" (Pictorial), In proceedings of the ACM Creativity and Cognition Conference (C&C), online, 2021. **Best Pictorial Award.**
- IHM21** Elisabeth Walton, Baptiste Caramiaux, Sarah Fdili Alaoui, Frederic Bevilacqua, Wendy E. Mackay "Reconciling Technology-driven and Experiential Approaches for Movement Design". In proceedings of IHM, Metz, 2021.
- CHI20** Mirjana Prpa, Sarah Fdili-Alaoui, Thecla Schiphorst, and Philippe Pasquier. "Articulating experience: Reflections from experts applying micro-phenomenology to design research in HCI". In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), online, 2020. **Best Paper Award.**
- CHI19** Stacy Hsueh, Sarah Fdili Alaoui, and Wendy E Mackay. "Probing Kinaesthetic Creativity in Dance". In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Glasgow, 2019.
- CSCW19** Stacy Hsueh, Sarah Fdili Alaoui, and Wendy E Mackay. " Deconstructing Creativity: Non-Linear Processes and Fluid Roles in Contemporary Music and Dance". In proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Austin, 2019. **Best Paper Honorable Mention Award.**
- CSCW19** Jean-Philippe Rivière, Sarah Fdili Alaoui, Baptiste Caramiaux, Wendy E. Mackay. "Capturing movement decomposition to support learning and teaching in contemporary dance". In the proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Austin, 2019.
- DIS19** Sarah Fdili Alaoui, "Making an interactive dance piece: tensions in integrating technology in art", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), San Diego, 2019.
- MOCO19** Kristin Carlson, Sarah Fdili Alaoui, Greg Corness, Thecla Schiphorst "Shifting Spaces: Using Defamiliarization to Design Choreographic Technologies that Support Co-Creation", In Proceedings of the International Conference on Movement and Computing (MOCO), Denver, 2019.
- CHI18** Marianela Ciolfi Felice, Sarah Fdili Alaoui, Wendy E. Mackay, "Knotation: Exploring and Documenting Choreographic Processes", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Montreal, 2018.
- MOCO18** Jean-Philippe Rivière, Sarah Fdili Alaoui, Baptiste Caramiaux, Wendy E. Mackay, "How do dancers learn to dance?" In Proceedings of the International Conference on Movement and Computing (MOCO), Genova, 2018.

- MOCO\_EA18** Scott deLahunta, Sarah Fdili Alaoui, Frédéric Bevilacqua, Rosemary Cisneros, Katerina El Raheb, Carla Fernandes, Anton Koch, Thembi Rosa, Sarah Whatley, "MOCO Annotation Workshop", Workshop at the International Conference on Movement and Computing (MOCO), Genova, 2018.
- CHI17** Sarah Fdili Alaoui, Jules Françoise, Thecla Schiphorst, Karen Studd, Frédéric Bevilacqua " Seeing, Sensing and Recognizing Laban Movement Qualities", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Denver, 2017.
- CHI17** Jules Françoise, Yves Candau, Sarah Fdili Alaoui, Thecla Schiphorst, " Designing for Kinesthetic Awareness: Revealing User Experiences through Second-Person Inquiry", In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), Denver, 2017.
- MOCO17** Yves Candau, Jules Françoise, Sarah Fdili Alaoui and Thecla Schiphorst "Cultivating kinaesthetic awareness through interaction: Multiple perspectives from somatic practices and embodied cognition", In Proceedings of the International Conference on Movement and Computing (MOCO), London, 2017.
- MOCO16** Marianela Ciolfi Felice, Sarah Fdili Alaoui, Wendy E. Mackay, "How Do Choreographers Craft Dance: Designing for a Choreographer-Technology Partnership", In Proceedings of the International Workshop on Movement and Computing (MOCO), Thessaloniki, 2016.
- C&C15** Sarah Fdili Alaoui, Thecla Schiphorst, Shannon Cuyckendal, Kristin Carlson, Karen Studd, Karen Bradley, "Strategies for Embodied Design: The Value and Challenges of Observing Movement", In the Proceedings of the ACM Creativity and Cognition Conference (C&C), Glasgow, 2015.
- MOCO15** Sarah Fdili Alaoui, Kristin Carlson, Shannon Cuyckendal, Karen Studd, Karen Bradley, Thecla Schiphorst "How Do Experts Observe Movement", In Proceedings of the International Conference on Movement and Computing (MOCO), Vancouver, 2015.
- CHI14** Diego Silang Maranan, Sarah Fdili Alaoui, Thecla Schiphorst, Philippe Pasquier, Pattarawut Subyen, Lyn Bartram. "Designing For Movement: Evaluating Computational Models using LMA Effort Qualities", In the Proceedings of ACM Conference on Human Factors in Computing Systems (CHI), Toronto, 2014.
- DIS14** Jules Francoise, Sarah Fdili Alaoui, Frederic Bevilacqua, Thecla Schiphorst, "Vocalizing Movement for Laban Effort Sonification in Dance Pedagogy", In Proceedings of the ACM conference on Designing Interactive Systems (DIS), Vancouver, 2014.
- MOCO14** Sarah Fdili Alaoui, Kristin Carlson and Thecla Schiphorst "Choreography as Mediated through Compositional Tools for Movement: Constructing A Historical Perspective", In the Proceedings of the International Conference on Movement and Computing (MOCO), Paris, 2014.
- DIS12** Sarah Fdili Alaoui, Baptiste Caramiaux, Marcos Serrano, Frédéric Bevilacqua. "Movement Qualities as Interaction Modality", In Proceedings of the ACM Conference on Designing Interactive Systems (DIS), Newcastle, 2012. **Best Paper Honorable Mention Award.**
- Dafx11** Baptiste Caramiaux, Sarah Fdili Alaoui, Tifanie Bouchara, Marc Rébillat. "Gestural Auditory and Visual Interactive Platform", In Proceedings of Digital Audio Effects (Dafx), Paris, 2011.
- CHI\_EA11** Sarah Fdili Alaoui, Baptiste Caramiaux, Marcos Serrano. "From dance to touch: movement qualities for interaction design", In the Extended Abstracts of ACM Conference on Human Factors in Computing Systems (CHI), Vancouver, 2011.