Curriculum Vitae	
Dr. Sarah FDILI ALAOUI Web: http://saralaoui.com Twitter: @saralaoui	Address: 22 Rue Blanqui 93400 Saint Ouen France Phone: 0033 6 12 72 47 63 Nationality: French/Moroccan
Reader / Associate Professor in Human-Computer Interaction + Dance Artist	

Professional Experience

Nov 2023 to date	Reader in Human-Computer Interaction and Interaction Design Creative Computing Institute, University of the Arts London, London, UK.
Sept 2015 to date	Associate Professor in Human-Computer Interaction and Interaction Design University Paris-Sud / Paris Saclay, LISN, INRIA Team Ex)situ, Orsay, France.
Sept 2018 Aug 2020	Research Sabbatical (Délégation) INRIA Team Ex)situ, Orsay, France.
Sept 2013 Aug 2015	Postdoctoral Researcher in the MovingStories project Topic: Digital Media based on high-level approaches to movement. Simon Fraser University, School of Interactive Art + Technology, Vancouver, Canada.
Mar 2013- Aug 2013	Postdoctoral Researcher in the Labodanse project Topic: Online neurophysiological measures for dance. IRCAM, University Paris 8, Paris, France.
Sept 2012- Sept 2013	Sessional Instructor in Computer Science University Paris-Sud, LIMSI-CNRS, Paris, France.
Sept 2009- Dec 2012	PhD Candidate in Human Computer Interaction, Art and Science Topic: Dance movement analysis and synthesis IRCAM, University Paris-Sud, LIMSI-CNRS, Paris, France.
Sept 2009- Sept 2011	Teaching Assistant in Computer Science University Paris-Sud, LIMSI-CNRS, Paris, France.
Sept 2007- Sept 2009	IT-SAP consultant Accenture, Paris, France.
Jan 2007 - Sept 2007	MSc Internship in Machine Learning Topic: Classification of Image document using SVM Xerox Research Centre Europe, Grenoble, France.
Jun 2005 – Sept 2005	BSc Internship in Applied Mathematics Topic: Resolution of Navier & Stockes equations for incompressible fluid flow in a resonator Illinois Institute of Technology, Chicago, USA.

Education

Sept 2012 Sept 2014	Habilitation à Diriger les Recherche Paris Saclay, LISN, INRIA Team Ex)situ, Orsay, France.
Sept 2012 Sept 2014	Certification in Laban Movement Analysis. Laban Institute For Movement Studies, New York City, USA.
Sept 2009- Dec 2012	PhD in Computer Science, Human Computer Interaction (obtained with honors) Thesis: Dance gesture analysis and physical models based visual feedback: contribution of movement qualities to interaction Supervised by : Christian Jacquemin and Frédéric Bevilacqua. IRCAM, LIMSI-CNRS, University Paris-Sud, Paris, France.
Sept 2006- Sept 2007	MSc. in Applied Mathematics, Major: Machine Learning (obtained with honors) Thesis: Classification of Image documents using SVM University Joseph Fourier, Grenoble, France.
Sept 2004- Sept 2007	Engineering Degree in Applied Mathematics & Computer Science (obtained with honors) INPG-ENSIMAG (French Grande Ecole), Grenoble, France.
Sept 2002- Sept 2004	Classes préparatoires for entrance examinations to the French Grandes Ecoles (MPSI/MP*) CPGE Janson De Sailly. Paris, France.

Competences and Skills

Movement Skills	Experience Explicitation Interviews (Micro-phenomenology), Laban Movement Analysis, Motif Movement Notation, Movement observation, Embodiment.
Artistic Competences	Contemporary Dance, Dance Improvisation, Choreography, Interactive Media, Digital Performance, Interaction Design, Graphical Design.
Scientific Competence	Human Computer Interaction, Movement Analysis, Motion Capture, Interaction Design, Machine Learning, User Experience, Mathematical Modeling, Computer Graphics.
Software	MaxMSP, Open Frameworks, Processing, PureData, Python, Matlab, Scilab, R, Suite Office.
Computing languages	C, C++, Java, Python, OpenGL, Cg, Ada, Caml, SQL.
Languages	French and Arabic (native), English (fluent), Spanish and Portuguese (beginner).

Funding and Grants received

2021-2024	"Jeune Chercheure" (JCJC) grant of the National Research Agency for my project Living Archive
2019-2020	STIC department of the university Paris Saclay for my project Living Archive
2019-2020	Centre National de la Danse for the project "Archive interactive Isadora Duncan" in collaboration with Rémi Ronfard
2019-2020	Connection Platform in Aarhus in Denmark for the project "VINTAGE"
2018-2010	"Projet generic" (AAPG) grant of the National Research Agency for the project Element in collaboration with Frederic Bevilacqua, Baptiste Caramiaux and Jules Françoise/
2018-2019	Delegation INRIA in the Ex)Situ team in LRI, Orsay.
2017-2018	Institut Français and the Israeli embassy in France for the performance SKIN in Israël.

2017-2018	PEPS for the Project "Human–AI interaction for creation" in collaboration with Baptiste Caramiaux.
2017-2018	RFSI for the project "Live-Coding et augmented Dance" in collaboration with Jules Françoise and Elise Prigent.
2016-2017	"Projet Phare" of La diagonale de Saclay for the performance Radical Choreographic Object
2016-2017	"Coup de Pouce" of La diagonale de Saclay for the production of SKIN
2015-2016	Starting Grant of LRI for Associate Professorship
2014-2015	Connection Grant for the organization and coordination of MOCO from SSHERC
2014-2015	Institut Francais in Canada and Consulat de France in Vancouver for the organization of Hakanai, performance by AM/CB during ISEA/MOCO.
2013-2015	Postdoctoral fellowship in the MovingStories Project from SSHERC.
2012-2013	Postdoctoral fellowship in Labodanse Project from University Paris 8 and Labex Arts H2H
2012-2013	Fellowship for Sessional Instructor from University Paris-Sud
2009/2012	Grant for Doctoral Studies from EDIPS doctoral school of University Paris-Sud

Co-Supervision of PhD Students and post-doctoral fellows

- John Sullivan, Post-doctoral fellow supervised by Sarah Fdili Alaoui (100%).
- Tove Grimstad, Ph.D. student supervised by Sarah Fdili Alaoui (100%).
- Léa Paymal, Ph.D student co-supervised by James Auger (40%) Sarah Homewood (20%) and Sarah Fdili Alaoui (40%)
- Léo Chédin, Ph.D student co-supervised by Jules Françoise (50%) and Sarah Fdili Alaoui (50%)
- Lenny Martinez, Ph.D student co-supervised by Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%)
- Manon Vialle, Ph.D student co-supervised by Melina Skouras (70%) and Sarah Fdili Alaoui (30%)
- Elisabeth Walton, Ph.D. student co-supervised by Wendy Mackay (60%), Baptiste Caramiaux (20%) and Sarah Fdili Alaoui (20%).
- Jean Philippe Rivière, Ph.D. student co-supervised by Baptiste Caramiaux (40%), Wendy Mackay (20%) and Sarah Fdili Alaoui (40%).
- Stacy Hsueh, Ph.D. student co-supervised by Wendy Mackay (50%) and Sarah Fdili Alaoui (50%).
- Marianella Ciolfi, Ph.D. student co-supervised by Wendy Mackay (50%) and Sarah Fdili Alaoui (50%).

Co-Supervision of Masters Students' Thesis

- David Le Masters student in HCI supervised by Sarah Fdili Alaoui 100%
- Leo Cheddin, student of the ARRC program from ENS-Paris Saclay co-supervised by Baptiste Caramiaux (50%), and Sarah Fdili Alaoui (50%)
- Dylan Fluzin, Masters student in design from ENS-Paris Saclay co-supervised by Baptiste Caramiaux (50%), and Sarah Fdili Alaoui (50%)
- Lea Paymal, Masters student in design from ENS-Paris Saclay supervised by Sarah Fdili Alaoui 100%
- Catharina Allens, Masters student in HCID from Université Paris Saclay supervised by Sarah Fdili Alaoui 100%
- Vennila Vennila Vilvanathan, Masters student in HCID from Université Paris Saclay supervised by Sarah Fdili Alaoui 100%
- Yassin Ben Lakhdar, Masters student in HCI from IPP, Telecom Paris, supervised by Sarah Fdili Alaoui 100%
- Lea Paymal, Masters student in design from ENS-Paris Saclay supervisée à 100%
- Jean Philippe Rivière, Masters student in HCI from ENAC co-supervised by Baptiste Caramiaux (50%), and Sarah Fdili Alaoui (50%).

- Stacy Hsueh, Masters student in design from ENSII co-supervised by Wendy Mackay (50%) and Sarah Fdili Alaoui (50%).
- Niels Mourette, Masters student in Electronic from ENSAE supervised by Sarah Fdili Alaoui (100%)
- Pierre Mahé, Masters student in ATIAM fromIRCAM supervise by Frédéric Bévilacqua (50%) and Sarah Fdili Alaoui (50%).

Teaching

2023-2024	Research Methods for MSs students, University of the Arts London
	Creative Design for MSc students, University Paris-Sud
	Hybrid Interfaces for « Année de Recherche en Recherche Création » students, ENS Paris Saclay
	Art Studio in collaboration with Centre Pompidou for MSc students University Paris-Sud
2022-2023	Creative Design for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
	Hybrid Interfaces for « Année de Recherche en Recherche Création » students, ENS Paris Saclay
	Art Studio in collaboration with Centre Pompidou for MSc students University Paris-Sud
2021-2022	Creative Design for MSc students, University Paris-Sud
	Hybrid Interfaces for « Année de Recherche en Recherche Création » students, ENS Paris Saclay
	Art Studio in collaboration with Centre Pompidou for MSc students University Paris-Sud
2020-2021	Creative Design for MSc students, University Paris-Sud
	Art Studio in collaboration with Centre Pompidou for MSc students University Paris-Sud
2019-2020	Creative Design for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
2018-2019	Creative Design for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
2017-2018	Programming in HCI for 3rd year undergraduate students, University Paris-Sud
	Creative Design for MSc students, University Paris-Sud
	Digital Fabrication for MSc students, University Paris-Sud
	Business and Development Labs for MSc students, University Paris-Sud
	Innovation and Entrepreneurial Studies for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
	Computer Graphics 5th year Engineering students, University Paris-Sud
2016-2017	Programming in HCI for 3rd year undergraduate students, University Paris-Sud
	Creative Design for MSc students, University Paris-Sud
	Gesture and Mobile Interaction for MSc students, University Paris-Sud
	Business and Development Labs for MSc students, University Paris-Sud
	Innovation and Entrepreneurial Studies for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
	Computer Graphics 5th year Engineering students, University Paris-Sud
2015-2016	Programming in HCI for MSc students, University Paris-Sud
	Programming in HCI for 3rd year undergraduate students, University Paris-Sud
	Gesture and Mobile Interaction for MSc students, University Paris-Sud
	Creative Design for MSc students, University Paris-Sud
	Design Project for MSc students, University Paris-Sud
	Computer Graphics MSc students, University Paris-Sud

2012-2013	Introduction to Computer Science for undergraduate students, Polytech Paris-Sud
	Computer Graphics lectures for undergraduate students, Polytech Paris-Sud
	Computer Graphics lectures for MSc students, Polytech Paris-Sud
2010-2011	Algorithms for undergraduate students, Polytech Paris-Sud
	Computer Graphics in OpenGL for undergraduate students, Polytech Paris-Sud
	Human Computer Interaction for undergraduate students, Polytech Paris-Sud
2009-2010	Programming in C++ for MSc students, Polytech Paris-Sud
	Programming in C++ for MSc students, Polytech Paris-Sud
	Algorithms for undergraduate students, Polytech Paris-Sud
	Computer Graphics in OpenGL for undergraduate students, Polytech Paris-Sud

Participation at Committees and Reviewing Activities

- Technical Program chair of the conference ACM DIS'24
- Member of the jury of the Ph.D. of Joseph La Delfa "Cultivating Mechanical Sympathy Making Meaning", KTH University, Stockholm, 2023
- First opponent of the Phd of Benedikte Wallace "AI-generated Dance and The Subjectivity Challenge", Oslo University, 2023
- The opponent of the Phd of Marika Hedemyr "Mixed Reality In Public Space", Malmo University, 2023
- Member of the jury of the Phd defence of Loup Vuarnesson "Geste improvisé et interfaces naturelles. Vers de nouveaux fondamentaux pour le design d'expériences optimales en médiations immersives", SACRe University of PSL, ENSAD, 2023
- Technical Program chair of the conference ACM DIS'23
- Papers chair of the conference ACM C&C'23
- Member of the Program Committee (AC) of the ACM CHI'22 and ACM CHI'23
- Member of the jury of the Phd defence of Olivain PORRY "Des communautés de machines", SACRe University of PSL, ENSAD, 2022
- Founding Member of the conference MOCO
- Member of Steering committee of MOCO 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2022.
- Sub-committee chair of the conference ACM DIS'21
- Member of the jury of 30% for the PhD of Özgun Kilic Afsar at the university of KTH, Stockholm, 2021
- Member of the selection committee of an assistant professor in HCI at the university of Lille, 2021.
- 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 jury of the Phd defense of Maxime Garcia "Transfert d'animation : animer des personnages virtuels par le jeu et le mime", University of Grenoble Alpes, 2019.
- Member of the selection committee of an assistant professor in Art et Technologies at University Paris 8, 2018.
- Member of the selection committee of an assistant professor in games and interactive media at CNAM, 2017.
- Member of the User board of the project European Wholodance, Coventry University, 2017.
- Reviewer of the PHD thesis of Andrew Bluff "Interactive Art, Immersive Technology and Live Performance", University of Technology Sydney, 2017.
- Member of the Program Committee for the Works-in-Progress and Art.CHI of ACM CHI 2012, 2013, 2014, and 2015 and 2017
- General chair and organizer of the conference MOCO'15 et MOCO'14

- Reviewer for the ACM CHI 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021.
- Reviewer for UIST 2017.
- Reviewer for INTERACT 2017.
- Reviewers ACM DIS 2015, 2016, 2018, 2019.
- Reviewer for the TEI 2015 and 2016.
- Reviewer NIME 2011, 2012, 2013 and 2014.
- Reviewer for ISEA 2015
- Reviewer for TOCHI
- Reviewer for the journal Computers in Entertainment.
- Reviewer for the TSI journal, special issue in Arts and Sciences
- Reviewer for the International Journal of Human Computer Studies IJHCS.
- Reviewer for the special issue of the journal Human Technology "Human–Technology Choreographies: Body, movement, and space in expressive interactions"
- Reviewer for the Journal of Multimodal Technologies and Interaction

Responsibilities and Organizational Activities

2018- today	Head of the Human Computer Interaction and Design Master program, of the EIT Digital, Université Paris Saclay, Orsay, France.
2020- today	Member of the pedagogical team of the Post-master's degree "Année de Recherche en Recherche Creation" ENS Paris Saclay, Orsay, France.
2023	Organization of the seminar Engaging technologies with communities and artistic practices, for the end of the ANR funded project Living Archive, IRCAM, Paris, France
2022	Organization of the Element Days – seminar for the end of the ANR funded project Element, IRCAM, Paris, France
2022	Organization of the seminar "Humains, trop humains... les sémantiques et mouvements de l'après", IRCAM Centre Pompidou, CWB, Paris, France
2021	Organization of the Seminar "Féminisme - Musique - Technologie", IRCAM Centre Pompidou, CWB, Paris, France
2020	Organization of the Panel "Dance: Between Living and Artificial" at the Forum Vertigo, IRCAM Centre Pompidou, Paris, France
2019	Organization of the seminar "There are no girls on internet : pourquoi le cyber féminisme ? ", IRCAM Centre Pompidou, Paris, France
2018	Organization of the Panel "Coding the body" at the Forum Vertigo, IRCAM Centre Pompidou, Paris, France
2016- 2018	Coordination of the Innovation and Entrepreneurship Minor of the Human Computer Interaction and Design Master program, of the EIT Digital, University Paris Sud, Orsay, France.
2014- 2015	Organizer of the Hakanai performance by AM/CB during ISEA/MOCO, SFU, Vancouver. Organizer of the International Workshop on Movement and Computing (MOCO), SFU, Vancouver. Part of the organization of the International Symposium on Electronic Arts (ISEA), SFU, Vancouver. Organizer of the May Residency of the MovingStories Project, Emily Carr University, Vancouver.
2013-2014	Organizer of International Workshop on Movement and Computing (MOCO), IRCAM, Paris. Organizer of the May Residency of the MovingStories Project, Emily Carr University, Vancouver.

2011- 2012	Organizer of the Arts and Science days, University Paris-Sud, Orsay, May 2012.
	Organizer of Workshop on Movement Qualities and Physical Models Visualizations, IRCAM, Paris.
2009-2010	Organizer of the conference "Journée des Jeunes Chercheurs en Audition, Acoustique Musicale et Signal Audio" JJCAAS, IRCAM, Paris.
	Organizer of the "Journée des Doctorants de l'EDIPS", University Paris-Sud, Orsay.

Research-Creation and Art projects

2023	Performance For Patricia (Interactive Dance Performance)
	In collaboration with the John Sullivan
	Residency at the MODINA program at the National Center for Dance in Bucarest, Romania
2022	Project GUEDRA (Field work at Guelmim, Morocco)
	1-year artistic Residency at Mains d'Oeuvres, Saint Ouen, France
2020	Performance Some Assembly Reprocessed (Interactive Dance Performance)
	In collaboration with the dance compagnie Attack Theatre and University of Pittsburgh.
2020	Performance VINTAGE (Interactive Dance Performance)
	In collaboration with the choreographer Annika Kompart
	Residency at the Connection Platform à Aarhus in Denmark,
2019	CODA (Live coding, Dance and interactive sound)
	In collaboration with Jules Francoise and Yves Candau (SIAT)
2018	The practical guide of the usage of the body in public space (Book project)
	In collaboration avec Rocio Berenguer.
2018	Radical Choreographic Object (Interactive Dance Performance)
	In collaboration with the Choreographer Jean-Marc Matos from K-danse cie.
2017	Ergonomics (Interactive Dance Performance)
	In collaboration with Rocio Berenguer from Pulso cie.
2016	SKIN (Interactive Dance Performance)
	In collaboration with videographer Tamara Erde.
2016	Still, moving (Interactive Installation and Dance Performance)
	In collaboration with Jules Francoise and Yves Candau
	Made for the scores + traces collective exhibition at the one Art space in NYC
2015	DANCE WORK / WORK DANCE (Dance Performance)
	In collaboration with Emmalena Fredriksson
2015	Worlds (Interactive VR Dance Performance)
	In collaboration with Thecla Schiphorst and Athomas Goldberg
2014	Glass Dance and Connecting Movement (Interactive VR Dance Performance)
	In collaboration with Thecla Schiphorst and Athomas Goldberg
2014	Decoding (Video Tryptic)
	In collaboration with Thecla Schiphorst
	Made for "Coding the Body" Exhibition at Apexart Gallery / NYC 2014
2013	Self and Self Portraits (Interactive Dance Performance)
	In collaboration with composer Roxanne Nesbitt and dancer Alexa Marion
2013	Longing and Forgetting (Interactive installation on urban screen)
	In collaboration with Matthew Gingold, Thecla Schiphorst, Philippe Pasquier

2012	Pre-choreographic Elements Platform, Labo21 project
	In collaboration with the international dance companies Emio Greco	PC, Troubleyn-Jan Fabre, Random Dance-Wayne Mc Gregor. BADco's performances
2011	Chiselling Bodies, Interactive Dance Performance
	In collaboration with dancer Marion Cavaillé from Ballet National de Marseille
2011	A light Touch I and II, Interactive Installation
	In collaboration with researchers Baptiste Caramiaux and Marcos Serrano
2010	Sabour (Interactive Dance and Visual Performance)
	In collaboration with artist Elika Hedayat and Tamara Erde and Nicolas Rasamimanana
2009-2010	Cloud (Interactive Multimodal Installation)
	In collaboration with researchers Nathalie Delprat and Claire Leroux.
2009-2010	Double Skin/Double Mind (Interactive Installation)
	Within Inside Knowledge Movement project. In collaboration with the international dance Company Emio Greco	Pieter C. Scholten.

Talks, keynotes, Residencies and Workshops

- Workshop "Towards Mutual Benefit: Reflecting on Artist Residencies as a Method for Collaboration in DIS" at the conference DIS, Pittsburg, USA, 2023
- Participation at the MODINA kick-off program in Tallinn, Estonia, 2023
- Keynote at the workshop on embodied perspectives on musical AI, University of Oslo, Norway, 2022
- Invited Talk at the University of Nantes, France, 2022
- Presentation at the conference IHM of the video "Les femmes dans l'IHM", Namur, Belgium, 2022
- Workshop CHI-ART, at ACM CHI'22, Online, 2022
- Invited talk for high school students organized by Trace at ENSPG, Paris, 2022
- Presentation at the Element days, IRCAM, Paris, 2022
- Invited talk at the FFF Seminars at the Interaction Design group of the university KTH, online, 2021
- Participation at the "conversation art science autour d'Isadora Duncan" by Sarah Fdili Alaoui, Rémi Ronfard, Elisabeth Schwartz and Manon Vialle, at CND Lyon, 2021
- Presentation at the symposium "Colloque Croiser arts, design et sciences pour enseigner autrement", Centre Pompidou, Paris, France , 2021
- Seminar at the University of Sussex "Research seminar series", online , 2021
- Interview with WONOMUTE (Women Nordic Music Technology), online , 2021
- Panel at the round table on "Anestis Logothetis Centenary Symposium", Greece , 2021
- Presentation of the project "Living Archive", Kick off of the ANR Funding, 2021
- Keynote presentation at the workshop "Critical Perspectives on AI/ML in Musical Interfaces" à NIME, 2021
- Presentation on "Enaction" at the seminar in honor of Francisco Varela at CRI, Paris, 2021
- Keynote at the graduation conference at ENS Paris Saclay, 2020
- Research presentation on archiving Isadora Duncan, Centre National de la Danse, Pantin, 2020
- Participation to the provocations, SloMoCo, online, 2020
- Invited talk at NYU Marl Speaker series, New York , 2020
- Colloquium at the Humanities center, University of Pittsburg, Pittsburg , 2020
- Workshop for students with disabilities at the Chamarande centre for the Arts, Chamarande , 2020

- Presentation on at the Virtual creativity collective realities days at ENSAD, Paris , 2019
- Presentation on at ELEMENT workshop, IRCAM, Paris , 2019
- Presentation of the Vintage project at Performing Art Platform, Aarhus, 2019
- Presentation at the Center for Digital Creativity in Aarhus university, Aarhus, 2019
- Master class on gesture-sound Interaction, Conservatory of Vicenza, 2019
- Master class on composition, Conservatory of Vicenza, 2019
- Master class on Live Coding at LAB-DAYS - MovA, Stereolux, Nantes, 2019
- Seminar on Isadora Duncan, University of Grenoble, 2019
- Workshop "creativity in HCI" at the conference IHM, Brest, France, 2018
- Keynote at the symposium of the Korean Society of Dance, Seoul, , 2018
- Invited talk at the Masters AIMove, Mines ParisTech, 2018
- Invited talk at the ATI department, University Paris 8, 2018
- Presentation at la Fall school "Transdisciplinarity - increasing scientific and artistic creativity", University Paris Descartes, Paris, 2018
- Invited Panelist at the round table "Les robots sont-ils des créateurs comme les autres ?" organized by the SACEM at Science-Po Paris, 2018
- Presentation at the evaluation INRIA, Rungis
- Seminar at the Computer Science Department of ENS Cachan, 2018
- Member of the Jury of the "Dansathon" of the Biennale de Danse de Lyon, 2018
- Keynote at la conference FAB'14, Toulouse;, 2018
- Keynote at workshop "Workshop on Human-Machine Collaboration", IRCAM, Paris, 2018
- Invited Panelist for the provocation "What escapes computation in interactive performance" at MOCO, Genova, 2018
- Workshop on dance annotation, MOCO, Genova, 2018
- Organization and moderation of the seminar "Coder le corps" at centre Pompidou, Paris, 2018
- Invited talk at INRIA Rhônes-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
- Presentation at the workshop on Movement futures, Vancouver, 2017
- Invited talk at CIRMMT at the university of McGill, Montreal, 2017
- Workshop on experience explicitation technique at MOCO, Goldsmidths, Londres, 2017
- Keynote au TEDx Saclay, Orsay, 2016
- Invited talk at la Casa Paganini Infomuse, Genova, 2016
- Seminar 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
- Keynote at the workshop « Scénariser la danse par le numérique », University of Strasbourg, 2016
- Presentation at the Workshop of the May Residency of the project MovingStories, Vancouver, BC, 2016
- Keynote at workshop/exhibition "Corps Refléchis" by cie Entorse, Caen, 2016
- Invited talk at the workshop on Notation, Centre National de la Danse, Paris, 2015
- Invited talk at the Choreometrics Symposium, University of Maryland, Washington DC, 2015
- Invited talk at the LRI team HCC, Exsitu, Orsay, 2015
- Invited talk at University of Illinois Champana Urbain, 20156
- Invited talk at the School of Interactive Arts and Technologies, SFU, Vancouver, 2015

- Invited talk at the University of Washington Bothell, Bothell, 2015
- Workshop at the University of Maryland, Washington DC, 2015
- Presentation at the Workshop of the May Residency of the project MovingStories, Vancouver, BC, 2015
- Invited talk au MIT Medialab, Boston, 2014
- Invited panelist at the workshop on Movement and Computing (MOCO) London, 2014
- Presentation at the 7th volume of PechaKucha Night Human x Technology Richmond, BC, 2014
- Presentation at the Workshop of the May Residency of project MovingStories, Vancouver, BC, 2014
- Workshop : Learning Laban Effort Qualities using Interactive Sonic Feedback , Vancouver, BC, 2014
- Seminar Recherche and Creation at IRCAM, Paris, 2013
- Seminar Recherche and Creation at EAVI Goldsmith Collège University of London, Londres, 2013
- Presentation at the Cycles organised by Miriam Gourfink at la Gaieté Lyrique, Paris, 2013
- Presentation at the Workshop on « patrimoine culturel immatériel » at Mines de Paris, Paris, 2013
- Presentation at the Workshop of the May Residency of the projet MovingStories, Vancouver, BC, 2013
- Seminar at the cycles « Danse-Science Mélange » at the Centre National de la Danse, Pantin, 2013
- PhD thesis defence at LIMSI-CNRS, 19 December 2012, Orsay.
- PhD thesis defence at IRCAM, 20 December 2012, Paris.

Publications List

Habilitation Thesis (HDR)

- Sarah Fdili Alaoui, "*Dance-led Research*", Defended on the 22nd of March 2023 at LISN, Université Paris Saclay.

PhD Thesis

- Sarah Fdili Alaoui, "Dance gesture analysis and physical models based visual feedback: contribution of movement qualities to interaction", Defended on the 19th of December 2012 at LIMSI-CNRS, Ircam, University Paris-Sud, France.

Journal Papers, Peer Reviewed

- 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.
- Sarah Fdili Alaoui, "A comprehensive review of Dance and Technologies", En cours de publication au journal de la Korean Society of Danse, 2018.
- Sarah Fdili Alaoui, "Vers une dramaturgie et un corps au numérique", Culture et Recherche n°135 2017.
- Sarah Fdili Alaoui, Frederic Bevilacqua, Christian Jacquemin, "Interactive Visuals as Metaphors for Dance Movement Qualities", Accepted to Transactions on Interactive Intelligent Systems (TIIS) 2015.
- 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.
- 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.
- 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.

- 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.

Book Chapter

- Frederic Bevilacqua, Norbert Schnell, Sarah Fdili Alaoui, "Gesture Capture: Paradigms in Interactive Music/Dance Systems", TanzKongress-press 2011.
- Sarah Fdili Alaoui, "Danse – Technologies – Phénoménologie" dans Du signe et performance – La notation, une pensée en mouvement, L'Harmattan 2019.

International Conference Publications, Peer Reviewed

- Jules Françoise, Sarah Fdili Alaoui, Yves Candau "CO/DA: Live-Coding Movement-Sound Interactions for Dance Improvisation", In Proceedings of ACM Conference on Human Factors in Computing Systems (CHI), New Orleans 2022. **Honorable mention**
- 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, 2022, (CSCW), online.
- 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 2022 (C&C), Venice.
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