

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

Associate Professor in Human-Computer Interaction University Paris Sud / Paris Saclay

Professional Experience

- Sept 2018 to date Research Sabbatical (Délégation) at INRIA Team [Ex\)situ](#), Orsay, France.
- Sept 2015 to date Associate Professor in Human-Computer Interaction, Interaction Design, Art and Science University Paris-Sud / Paris Saclay, LRI, INRIA Team [Ex\)situ](#), Orsay, France.
- Sept 2013 Postdoctoral Researcher in the [MovingStories](#) project
Aug 2015 Topic: **Digital Media based on high-level approaches to movement.**
Simon Fraser University, School of Interactive Art + Technology, Vancouver, Canada.
- Mar 2013- Postdoctoral Researcher in the [Labodanse](#) project
Aug 2013 Topic: **Online physiological and neurophysiological measures for dance.**
IRCAM, University Paris 8, Paris, France.
- Sept 2012- Sessional Instructor in Computer Science
Sept 2013 Courses: Introduction to Computer Science, Computer Graphics, and Human-Computer Interaction.
University Paris-Sud, LIMSI-CNRS, Paris, France.
- Sept 2009- PhD Candidate in Human Computer Interaction, Art and Science
Dec 2012 Supervised by: Christian Jacquemin and Frederic Bevilacqua.
IRCAM, University Paris-Sud, LIMSI-CNRS, Paris, France.
- Sept 2011- Organizer of Arts and Science Days (now CURIOSITas festival)
Sept 2012 Art and Culture department of the University Paris-Sud, Orsay, France.
- Sept 2009- Teaching Assistant in Computer Science
Sept 2011 Courses: HCI, Computer Graphics, Algorithmic, C++ Programming C++.
IRCAM, University Paris-Sud, LIMSI-CNRS, Paris, France.
- Sept 2007- IT-SAP consultant
Sept 2009 Topic: **Functional manager of the SAP billing process for the client EDF**
Accenture, Paris, France.
- Jan 2007 - MSc Internship in Machine Learning
Sept 2007 Topic: **Classification of Image document using SVM**
Xerox Research Centre Europe, Grenoble, France.
- Jun 2005 – BSc Internship in Applied Mathematics
Sept 2005 Topic: **Resolution of Navier & Stockes equations for incompressible fluid flow in a resonator**
Illinois Institute of Technology, Chicago, USA.

Education

- Sept 2012 Certification in Laban Movement Analysis.
- Sept 2014 Coordinated by Karen Studd and Karen Bradley
Laban Institute For Movement Studies, New York City, USA.
- Sept 2009- PhD in Computer Science, Human Computer Interaction (Defended on Dec 19th 2012 with honors)
- Dec 2012 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- MSc. in Applied Mathematics, Major: Machine Learning (obtained with honors)
- Sept 2007 Thesis: **Classification of Image documents using SVM**
University Joseph Fourier, Grenoble, France.
- Sept 2004- Engineering Degree in Applied Mathematics & Computer Science (obtained with honors)
- Sept 2007 INPG-ENSIMAG (French Grande Ecole), Grenoble, France.
- Sept 2002- Classes préparatoires for entrance examinations to the French Grandes Ecoles (MPSI/MP*)
- Sept 2004 CPGE Janson De Sailly. Paris, France.
- Sept 1999- High School Diploma in Science, option Mathematics (obtained with honors)
- Sept 2002 Dar Essalam High School. Rabat, Morocco.

Awards and Grants

- 2018-2010 Funding of the National Research Agency for the project Element with LIMSI and IRCAM.
- 2018-2019 Delegation INRIA in the Ex)Situ team in LRI, Orsay.
- 2017-2018 Funding for the performance SKIN in Israël, by l'Institut Français and the Israeli embassy in France.
- 2017-2018 Funding for the PEPS Project "Human-AI interaction for creation" in collaboration with Baptiste Caramiaux.
- 2017-2018 Funding RFSI for the project "Live-Coding et augmented Dance" in collaboration with Jules Françoise and Elise Prigent.
- 2016-2017 Funding "Projet Phare" for Radical Choreographic Object, La diagonale de Saclay, 1 year
- 2016-2017 Funding "Coup de Pouce" for production of SKIN La diagonale de Saclay, 1 year
- 2015-2016 Starting Grant for Associate Professor, LRI, 1 year
- 2014-2015 Connection Grant for organization and coordination MOCO, SSHERC, 1 year
- 2014-2015 Funding for organization of Hakanai, performance by AM/CB during ISEA/MOCO, Institut Francais in Canada and Consulat de France in Vancouver, 1 year
- 2013-2015 Postdoctoral fellowship, MovingStories Project, SFU, Vancouver, Canada, SSHERC, 2 years
- 2012-2013 Postdoctoral fellowship, Labodanse Project, University Paris 8, Paris, France. Labex Arts H2H, 5 months
- 2012-2013 Fellowship for Sessional Instructor, University Paris-Sud, 1 years
- 2012 Honorable Mention at Designing Interactive Systems
- 2009/2012 Grant for Doctoral Studies, EDIPS University Paris-Sud, 3 years

Competences and Skills

Movement Skills	Experience Explication 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).

Art and Science projects

2018-2019	<p>The practical guide of the usage of the body in public space. In collaboration avec Rocio Berenguer. Funded through "Appel Coup de pouce" of the diagonal de Saclay</p> <p>Performance Ergonomics In collaboration with Rocio Berenguer from Pulso cie.</p>
2016-2018	<p>Performance Radical Choreographic Object In collaboration with the Choreographer Jean-Marc Matos from K-danse cie. Funded through "Appel Phare" of the diagonal de Saclay</p> <p>Performance Ergonomics In collaboration with Rocio Berenguer from Pulso cie.</p>
2015-2016	<p>Still, moving – Interactive Installation / Performance, Exhibited at scores + traces collective exhibition at the one Art space in NYC In collaboration with Jules Francoise and Yves Candeau (SFU)</p> <p>SKIN– Interactive Dance Performance In collaboration with videographer Tamara Erde. Funded through "Appel Coup de pouce" of the diagonal de Saclay</p>
2014-2015	<p>Worlds – Interactive VR Dance Performance, performed at ISEA2015. In collaboration with Thecla Schiphorst (SFU) and Athomas Goldberg</p> <p>Glass Dance – Interactive VR Dance Performance, performed at ECUAD. In collaboration with Thecla Schiphorst (SFU) and Athomas Goldberg</p> <p>Connecting Movement – Interactive VR Dance Performance, performed at ECUAD. In collaboration with Thecla Schiphorst (SFU) and Athomas Goldberg</p>
2013-2014	<p>Self and Self Portraits Interactive Dance Performance. In collaboration with composer Roxanne Nesbitt (UBC) and dancer Alexa Mardon</p> <p>Workshop on Interactive Sonic Feedback of Laban Effort qualities, given at SCA SIAT. In collaboration with researchers Jules Francoise and Frederic Bevilacqua (IRCAM)</p>
2012-2013	<p>Online physiological and neurophysiologic platform for dance, Labodanse project In collaboration with choreographer Miriam Gourfink</p>
2011-2012	<p>Pre-choreographic Elements Platform, Labo21 project In collaboration with the international dance companies Emio Greco I PC, Troubleyn-Jan Fabre, Random Dance-Wayne Mc Gregor. BADco's performances</p>

	Chiselling Bodies, Interactive Dance Performance, performed at IRCAM. In collaboration with dancer Marion Cavaillé (Ballet National de Marseille)
2011-2012	A light Touch II, Interactive Installation, exhibited at the Workshop on Movement Qualities and Physical Models Visualizations, IRCAM, Paris. In collaboration with researchers Baptiste Caramiaux (IRCAM) and Marcos Serrano (ENSAD)
2010-2011	Sabour , Interactive Dance and Visual Performance, performed at Le Fresnoy Festival Panorama 13. In collaboration with visual artist Erika Hedayat and dancer Tamara Erde (Fresnoy Institute) and Interaction Designer Nicolas Rasamimanana (Phonotonic)
	A light Touch, Interactive Installation, exhibited at ACM Designing Interactive Systems In collaboration with researchers Baptiste Caramiaux (IRCAM), Marcos Serrano (ENSAD)
2009-2010	Double Skin/Double Mind, Interactive Installation Inside Knowledge Movement project, installed at the AHK School of the Arts in Amsterdam. In collaboration with the international dance Company: Emio Greco I Pieter C. Scholten.
	Cloud, Interactive Multimodal Installation, Demo at VRIC Laval Virtual. In collaboration with researchers Nathalie Delprat (LIMSI-CNRS) and Claire Leroux (Arnum/ESIEA).
	GAVIP, Interactive Multimodal Installation In collaboration with researchers Tiffanie Bouchara, Matthieu Courgeon, Gaëtan Parseihian (LIMSI-CNRS), Marc Rébillat (Ecole Polytechnique) and Baptiste Caramiaux (IRCAM).

Organizational Activities

2018- today	Head of the Human Computer Interaction and Design Master program , Founded by the EIT Digital, University Paris Sud, Orsay, France.
2018	Organization of the Panel "Coding the body", IRCAM Centre Pompidou, Paris, France
2016- 2018	Coordination of the Innovation and Entrepreneurship Minor of the Human Computer Interaction and Design Master program , Founded by the EIT Digital, University Paris Sud, Orsay, France.
2014- 2015	Organizer/Producer 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.
2012-2013	Organizer of the Movement workshop for Learning Laban Effort qualities using Interactive Sonic Feedback , SFU, 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.

Participations at Committees

Member of the selection committee of an assistant professor in Art et Technologies of Image at University Paris 8, 2018.

Member of the selection committee of an assistant professor in games and interactive media at CNAM, 2017.

Participation to 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.

Talks, keynotes, Residencies and Workshops

- Keynote "On Dance and Technologies" at the korean symposium of Dance, Séoul
- Seminar "Esthétique du mouvement" Artificial Intelligence and Mouvement Masters, Mines ParisTech.
- Seminar "Recherche and Création" at the département ATI, University Paris 8.
- Presentation at the Fall school "Transdisciplinarity - increasing scientific and artistic creativity", University Paris Descartes, Paris.
- Round table "Are robots creators like others ?" organized by the SACEM at Science Po Paris.
- Presentation at the evaluation of INRIA 2018, Rungis
- Seminar "Crafting Movement in Digital Art +Human Computer Interaction" at ENS Cachan.
- Jury of the Dansathon of the Biennale de Danse de Lyon, Lyon
- Keynote on "mobility" at the conference FAB'14, Toulouse
- Keynote at the HAMAC "Workshop on Human-Machine Collaboration", IRCAM, Paris
- Panel at the provocation "What escapes computation in interactive performance", MOCO'18, Genova, Italy
- Workshop on dance annotation at MOCO'18, Genova, Italy.
- Organization of the panel "Coding the body" at center Pompidou, Paris.
- Presentation at L'INRIA Rhône Alpes, Grenoble
- Presentation at the conference "Corps et Mobiles", Sorbonne Nouvelle, Paris
- Presentation at l'IFIP TC13 & TC14 Open symposium
- Workshop on experience explicitation at MOCO'17, Goldsmiths, Londres, GB.
- Invited Seminar at CIRMMT at l'university of McGill, Montreal, Canada, 2017.
- Presentation at the workshop Movement futures, Vancouver, Canada, 2017.
- Seminar at the journées sur la Dynamique Interactionnelle du Geste DIG, CNRS, Paris, France.
- Residency at [Scene 44 for the performance SKIN](#), Marseille, France
- Keynote at the [TEDx Saclay](#), Orsay, France.
- Presentation at the Casa Paganini Infomuse, Genova, Italie.
- Keynote at the Beyond Lab: « Entre L'Homme et la Machine : Le Défie des Nouvelles Interfaces, Orsay », Orsay, France.
- Keynote at [Journée d'étude Scénariser la danse par le numérique](#), University de Strasbourg, France.
- Presentation at the MovingStories May Residency, Vancouver, Canada, 2016
- Keynote at the workshop/exhibition "[Corps Réfléchis](#)" by Cie Entorse, Caen, 2016
- Keynote at the Dance Notation Symposium, Paris, France 2016.
- Keynote at the [Symposium Reimagining Choreometrics](#), Washington DC, USA, 2015.
- Talk at the LRI HCC team, Orsay, France, 2015.
- Presentation at the MovingStories May Residency, Vancouver, Canada, 2015.
- Talk the School of Interactive Arts and Technologies, Simon Fraser University, Vancouver, Canada, 2015.
- Talk at the IAS school, University of Washington, Seattle, USA, 2015.

-
- Presentation at University of Illinois Champana Urbain, EUA, 2015.
 - Workshop at University of Maryland, Washington DC, USA, 2015.
 - Panel about the workshop on Movement and Computing (MOCO) at NIME, London, UK, 2014.
 - Presentation at the 7th [PechaKucha Night Human x Technology Richmond](#), BC, Canada, 2014.
 - Talk at the MovingStories May Residency, Vancouver, Canada, 2014.
 - Talk at the MIT Medialab, Boston, USA, 2014.
 - Talk at the Research & Creation Seminar at IRCAM Paris, France, 2013.
 - Talk at [EAVI seminar](#) at Goldsmiths College, London, UK, 2013.
 - Presentation at the research [Cycles curated by Miriam Gourfink at la Gaiété Lyrique](#), Paris, France, 2013.
 - Talk at the Workshop on [Intangible Cultural Heritage](#) at Mines de Paris, Paris, France, 2013.
 - Talk at the MovingStories May Residency, Vancouver, Canada, 2013.
 - Talk at the [Danse-Science Melange](#) Seminar at the National Dance Centre, Paris, France, 2013.
 - PhD Defense on the 19th December 2012 at LIMSI-CNRS, Orsay France
 - Talk at the seminar of the Labo21 project at ICKAmsterdam, Amsterdam, Netherlands, 2012.
 - Talk at the [Dance Notation Series at ICKAmsterdam](#), Amsterdam, Netherlands, 2012.
 - Talk at the [Workshop on Movement Qualities and Physical Models Visualizations](#) at IRCAM, Paris, 2012.
 - Workshop on Embodied Interaction at Humteck in Roskilde University, Roskilde, Denmark, 2012.
 - Talk at the "Atelier des Doctorants en Dance" at the National Dance Centre, Lyon, France, 2011.
 - Residency of the TKB project in the "O espaço do tempo", Montemor, Portugal, 2010.
 - Workshop at the [Lab4 of the Inside Movement Knowledge Project](#), Amsterdam, The Netherlands, 2010.
 - Cognitive Science and Machine Learning Summer School, Sardinia, Italy, 2010.
 - Workshop at the [Lab3 of Inside Movement Knowledge Project](#), Amsterdam, The Netherlands, 2009.
 - Workshop at the [TanzKongress](#), Hamburg, Germany, 2009.

Co-Supervision of PhD Students

- Elisabeth Walton, Ph.D. student co-supervised by Baptiste Caramiaux (50%) and Sarah Fdili Alaoui (50%).
- 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

- Jean Philippe Rivière, Masters Student co-supervised by Baptiste Caramiaux (40%), Wendy Mackay (20%), and Sarah Fdili Alaoui (40%).
- Stacy Hsueh, Masters Student co-supervised by Wendy Mackay (50%) and Sarah Fdili Alaoui (50%).
- Niels Mourette, Masters Student supervised by Sarah Fdili Alaoui (100%)
- Pierre Mahé, Masters Student co-supervised by Frédéric Bévilacqua (50%) and Sarah Fdili Alaoui (50%).

Teaching and Student Supervision

2018-2019	Creative Design for MSc students, University Paris-Sud, Orsay, France Design Project for MSc students, University Paris-Sud, Orsay, France
2017-2018	Programming in HCI for 3 rd year undergraduate students, University Paris-Sud, Orsay, France Creative Design for MSc students, University Paris-Sud, Orsay, France Digital Fabrication for MSc students, University Paris-Sud, Orsay, France Business and Development Labs for MSc students, University Paris-Sud, Orsay, France

-
- Innovation and Entrepreneurial Studies for MSc students, University Paris-Sud, Orsay, France
Design Project for MSc students, University Paris-Sud, Orsay, France
Computer Graphics 5th year Engineering students, University Paris-Sud, Orsay, France
Supervision of 2 PHD student and 1 Master students at LRI, INRIA, Orsay, France
- 2016-2017 Programming in HCI for 3rd year undergraduate students, University Paris-Sud, Orsay, France
Creative Design for MSc students, University Paris-Sud, Orsay, France
Gesture and Mobile Interaction for MSc students, University Paris-Sud, Orsay, France
Business and Development Labs for MSc students, University Paris-Sud, Orsay, France
Innovation and Entrepreneurial Studies for MSc students, University Paris-Sud, Orsay, France
Design Project for MSc students, University Paris-Sud, Orsay, France
Computer Graphics 5th year Engineering students, University Paris-Sud, Orsay, France
Supervision of 2 PHD student and 1 Master students at LRI, INRIA, Orsay, France
- 2015-2016 Programming in HCI for MSc students, University Paris-Sud, Orsay, France
Programming in HCI for 3rd year undergraduate students, University Paris-Sud, Orsay, France
Gesture and Mobile Interaction for MSc students, University Paris-Sud, Orsay, France
Creative Design for MSc students, University Paris-Sud, Orsay, France
Design Project for MSc students, University Paris-Sud, Orsay, France
Computer Graphics MSc students, University Paris-Sud, Orsay, France
Supervision of one PHD student and three Master students at LRI, INRIA, Orsay, France
- 2013-2015 Co- Supervision of MSc and PhD Students in the MovingStories Project.
- 2012-2013 Introduction to Computer Science for undergraduate students, Polytech Paris-Sud, Orsay, France
Computer Graphics lectures for undergraduate students, Polytech Paris-Sud, Orsay, France
Computer Graphics lectures for MSc students, Polytech Paris-Sud, Orsay, France
- 2010-2011 Algorithms for undergraduate students, Polytech Paris-Sud, Orsay, France
Computer Graphics in OpenGL for undergraduate students, Polytech Paris-Sud, Orsay, France
Human Computer Interaction for undergraduate students, Polytech Paris-Sud, Orsay, France
- 2009-2010 Programming in C++ for MSc students, Polytech Paris-Sud, Orsay, France
Programming in C++ for MSc students, Polytech Paris-Sud, Orsay, France
Algorithms for undergraduate students, Polytech Paris-Sud, Orsay, France
Computer Graphics in OpenGL for undergraduate students, Polytech Paris-Sud, Orsay, France
Supervision of two first year Master students, Julien Pousse and Quentin Vidal, for 3 months internships in Computer Graphics in the Cloud project at Limsi-CNRS, Orsay, France

Reviewing Activities

- Member of Steering committee, chair and reviewer of MOCO 2014, 2015, 2016, 2017, 2018, 2019.
Reviewer for the ACM CHI 2013, 2014, 2015, 2016, 2017, 2018, 2019.
Program Committee Member for the Art.CHI of ACM CHI 2017
Program Committee Member for the Works-in-Progress of ACM CHI 2012, 2013, 2014, and 2015
Reviewer for the TEI 2015 and 2016.
Reviewer for UIST 2017.
Reviewer for INTERACT 2017.
Program Committee Member for the Pictorials and papers of ACM DIS 2015, 2016, 2018.
Program Committee Member of NIME 2011, 2012, 2013 and 2014.

Reviewer for ISEA 2015

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

Publications List

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

- Sarah Fdili Alaoui, Frederic Bevilacqua, Christian Jacquemin, "Interactive Visuals as Metaphors for Dance Movement Qualities", Accepted to Transactions on Interactive Intelligent Systems (TIIS) 2014.
- 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.

International Conference Publications, Peer Reviewed

- Marianela Cioffi Felice, Sarah Fdili Alaoui, Wendy E. Mackay, "Knotation: Exploring and Documenting Choreographic Processes", In Proceedings of ACM Conference on Human Factors in Computing Syst Montreal, 2018.
- Jean-Philippe Rivière, Sarah Fdili Alaoui, Baptiste Caramiaux, Wendy E. Mackay, "How do dancers lead dance?" In Proceedings of In Proceedings of the International Conference on Movement and Compu (MOCO), Genova, 2018.
- Sarah Fdili Alaoui, Jules François, Thecla Schiphorst, Karen Studd, Frédéric Bevilacqua " Seeing, Ser Recognizing Laban Movement Qualities", In Proceedings of ACM Conference on Human Factors in C Systems (CHI), Denver, 2017.
- Jules François, Yves Candau, Sarah Fdili Alaoui, Thecla Schiphorst, " Designing for Kinesthetic Awareness: Revealing User Experiences through Second-Person Inquiry", In Proceedings of ACM Conference on Human Factors in Computing Systems (CHI), Denver, 2017.

- Marianela Ciolfi Felice, [Sarah Fdili Alaoui](#), Wendy E. Mackay, "How Do Choreographers Craft Dance: Designing for a Choreographer-Technology Partnership", International Workshop on Movement and Computing (MOCO), Thessaloniki, 2016.
- [Sarah Fdili Alaoui](#), Kristin Carlson, Shannon Cuyckendal, Karen Studd, Karen Bradley, Thecla Schiphorst "How Do Experts Observe Movement", In proceedings of the International Workshop on Movement and Computing (MOCO), 2015, Vancouver, Canada.
- [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 Conference on Creativity and Cognition (C&C) 2015, Glasgow, Scotland.
- [Sarah Fdili Alaoui](#), Roxanne Nesbitt, "Self and Self Portraits", Canadian Society of Dance Studies Symposium on Embodied Artful Practices, 2014, Vancouver, Canada.
- Jules Francoise, [Sarah Fdili Alaoui](#), Frederic Bevilacqua, Thecla Schiphorst, "Vocalizing Movement for Laban Effort Sonification in Dance Pedagogy", Proceedings of ACM conference on Designing Interactive Systems (DIS), Vancouver, 2014.
- [Sarah Fdili Alaoui](#), Kristin Carlson and Thecla Schiphorst "Choreography as Mediated through Compositional Tools for Movement: Constructing A Historical Perspective", Proceedings of the International Workshop on Movement and Computing (MOCO), Paris, 2014.
- Diego Silang Maranan, [Sarah Fdili Alaoui](#), Thecla Schiphorst, Philippe Pasquier, Pattarawut Subyen, Lyn Bartram. "Designing For Movement: Evaluating Computational Models using LMA Effort Qualities", Proceedings of ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Toronto, 2014.
- [Sarah Fdili Alaoui](#), "Body Movement Expression as Interaction Modality", Beautiful Dance Moves workshop, ACM Conference on Creativity & Cognition (C&C), Sydney, 2013.
- [Sarah Fdili Alaoui](#), Christian Jacquemin, Frédéric Bevilacqua. "Chiselling Bodies: an Augmented Dance Performance", Proceedings of ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2013, Paris, France.
- [Sarah Fdili Alaoui](#), Baptiste Caramiaux, Marcos Serrano, Frédéric Bevilacqua. "Movement qualities as interaction modality", Proceedings of ACM Conference on Designing Interactive Systems (DIS) 2012, Newcastle, United Kingdom. Honourable Mention.
- [Sarah Fdili Alaoui](#), "Evaluating an Interactive Installation for Dance Pedagogy: The Case Study of Double Skin/Double Mind", Doctoral Consortium of ACM Conference on Designing Interactive Systems (DIS) 2012, Newcastle, United Kingdom.
- Baptiste Caramiaux, [Sarah Fdili Alaoui](#), Tifanie Bouchara, Marc Rébillat. "Gestural Auditory and Visual Interactive Platform", Proceedings of Digital Audio Effects (Dafx) 2011, Paris, France.
- [Sarah Fdili Alaoui](#), Baptiste Caramiaux, Marcos Serrano. "From dance to touch: movement qualities for interaction design", Proceedings of ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2011, Vancouver, Canada.
- Nathalie Delprat, Claire Leroux, [Sarah Fdili Alaoui](#), "In the clouds, Virtual experience of a matter", Proceedings of Virtual Reality International Conference (VRIC) 2011, Laval, France.