Journal Articles


Book chapters
Movements, timing and precision of drummers

The challenge of a lifetime

Gestures in performance

Movements and analysis of drumming.

Conference publications and proceedings

Evaluating movement qualities with visual feedback for real-time motion capture

Extraction, mapping, and evaluation of expressive acoustic features for adaptive digital audio effects

ADEPT: Exploring the Design, Pedagogy, and Analysis of a Mixed Reality Application for Piano Training

An Interactive Music Synthesizer for Gait Training in Neurorehabilitation

The Effect of Auditory Pulse Clarity on Sensorimotor Synchronization.

Incorporating virtual reality in an embodied interaction course

Rhythmic recurrency in dance to music with ambiguous meter

An Expressive Multidimensional Physical Modelling Percussion Instrument

NordicSMC: A Nordic University Hub on Sound and Music Computing
Timbre Discrimination for Brief Instrument Sounds

Embody Interaction through Movement in a Course Work

Does Singing a Low-Pitch Tone Make You Look Angrier?

Exploring Sound-Motion Textures in drum set performance

Extraction, Mapping, and Evaluation of Expressive Acoustic Features for Adaptive Digital Audio Effects

Exploring felt qualities of embodied interaction with movement and sound

Sketches in Embodied Interaction: Balancing Movement and Technological Perspectives

Sound and music computing at Aalborg University in Copenhagen

Good playing practice when drumming: Influence of tempo on timing and preparatory movements for healthy and dystonic players

Effect of dynamic level in drumming: Measurement of striking velocity, force, and sound level

Timing and motor control in drumming: Comparing players with and without focal dystonia.

Disturbed moving patterns when drumming - influence of extreme tempi on percussionists with and without focal dystonia
Influences of movement and grip on perceptual and measured tone quality in drumming

Motor control in drumming: influence of movement pattern on contact force and sound characteristics*

Sound production in healthy and diseased drummers: an acoustic and movement analysis approach.

High pitch - friendly face.

The influence of Body Morphology on Preferred Dance Tempos.

Production and perception of gestures in music performance.

Motor behaviour in drumming with different striking tools: Effects of tempo on control of rebound.

Activities

16th Sound and music computing conference
Sofia Dahl (Participant)
28 May 2019 → 31 May 2019

NordicSMC Winter School
Sofia Dahl (Participant)
4 Mar 2019 → 8 Mar 2019

6th International Conference on Movement and Computing
Sofia Dahl (Organizer), Cumhur Erkut (Organizer)
2019 → …

The Journal of Somaesthetics (Journal)
Cumhur Erkut (Editor), Sofia Dahl (Editor)
2019

RITMO International Motion Capture Workshop
Sofia Dahl (Participant)
12 Nov 2018 → 14 Nov 2018

5th International Conference on Movement and Computing, MOCO 2018
Sofia Dahl (Organizer)
28 Jun 2018 → 30 Jun 2018

Journal of Somaesthetics (Journal)
Sofia Dahl (Editor), Cumhur Erkut (Editor)
Mar 2018 → Jan 2019
4th International conference on movement and computing
Sofia Dahl (Participant)
28 Jun 2017 → 30 Jun 2017

4th International conference on movement and computing
Sofia Dahl (Participant)
28 Jun 2017 → 30 Jun 2017

Workshop: Training, Sharing, and Enacting: Somaesthetics of Rhythmic Interaction
Cumhur Erkut (Lecturer), Sofia Dahl (Lecturer)
28 Jun 2017

First International Workshop on Motor Learning for Music Performance
Sofia Dahl (Participant), minho song (Participant), Rolf Inge Godøy (Participant)
15 May 2017

New Interfaces for Musical Expression 2017
Sofia Dahl (Organizer)
2017 → …

Frontiers in Psychology (Journal)
Guy Madison (Editor), Jessica Grahn (Editor), Sofia Dahl (Peer reviewer), Fabien Gouyon (Editor)
2014 → …

Research Topic Functions of musical rhythm (Journal)
Sofia Dahl (Editor)
31 Oct 2013 → 30 Jun 2014

International symposium on performance science
Sofia Dahl (Organizer)
28 Aug 2013 → 31 Aug 2013

SMAC Stockholm Music Acoustics Conference 2013 SMC Sound and Music Computing Conference 2013
Sofia Dahl (Organizer)
30 Jul 2013 → 3 Aug 2013

Expression and control in music performance: The role of musicians’ movements
Sofia Dahl (Speaker)
4 Jun 2013

9th Sound and Music Computing Conference (SMC 2012)
Sofia Dahl (Organizer)
11 Jul 2012 → 14 Jul 2012

Sound and Music Computing, Understanding and Practicing in Sweden
Sofia Dahl (Organizer)
3 Apr 2012 → 4 Apr 2012

13th International Rhythm Perception and Production Workshop
Sofia Dahl (Organizer)
13 Jul 2011 → 15 Jul 2011
ASME 2011 World Conference on Innovative Virtual Reality (WINVR2011)
Sofia Dahl (Organizer)
27 Jun 2011 → 29 Jun 2011

Journal of New Music Research (Journal)
Sofia Dahl (Reviewer)
1 Jan 2011 → …

Journal of New Music Research (Journal)
Sofia Dahl (Peer reviewer)
2011 → …

Haptic Audio Interaction Design
Sofia Dahl (Organizer)
16 Sep 2010 → 17 Sep 2010

The striking movement:: How do percussionists control timing and dynamic level when drumming?
Sofia Dahl (Lecturer)
11 Feb 2010

The striking movement:: How do percussionists control timing and dynamic level when drumming?
Sofia Dahl (Lecturer)
11 Feb 2010

Movement and timing control in drummers.
Sofia Dahl (Lecturer)
20 Nov 2009