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

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

**An Interactive Music Synthesizer for Gait Training in Neurorehabilitation**

**Incorporating virtual reality in an embodied interaction course**

**Rhythmic recurrence 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**

**Embodied 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

**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

**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

**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)
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 → …

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