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Employment

Associate Professor

Department of Communication and Psychology
The Faculty of Social Sciences and Humanities
Aalborg, Denmark
1 May 2013 → present

Publications

Artistic Work and Algorithmic Predictions in the Recording Studio

Walther-Hansen, M., 2024, (In preparation) *Innovation in Music*. Routledge

Enacting the Environment Through Sound: Reflections on the Use of Cognitive Metaphors as a Design Framework in Sound Interaction Design

Walther-Hansen, M., 2024, (Submitted) *Routledge Handbook of Sound Design*. Routledge

Digital kulde og klanglig realisme: Populærmusik, lydteknologi og skiftende lydidealer

Walther-Hansen, M., 2023, (Accepted/In press) In: *TEMP - tidsskrift for historie*.

Forceful Action and Interaction in Non-Haptic Music Interfaces

Walther-Hansen, M. & Eskildsen, A., 2023, (Accepted/In press) *Proceedings of Innovation in Music*. Routledge: Routledge

Lean-Entrepreneurship in Higher Music Education

Walther-Hansen, M., 2023.

Musik og entreprenørskab: Muligheder og barrierer i musiklivet

Walther-Hansen, M., 2022, *Samfundslitteratur*. 175 p.

Danish Musicology Online Vol. 10

Walther-Hansen, M., Ringsager, K. (ed.), Lind, T. T. (ed.) & Borcak, L. M. L. W. (ed.), 2021

Hvordan lyder lyden?

Walther-Hansen, M., 2021

Don't Extend! Reduce! The Sound Approach to Reality

Walther-Hansen, M. & Grimshaw-Aagaard, M. N., 17 Sept 2020, *Proceedings of the 15th International Conference on Audio Mostly*. Association for Computing Machinery, p. 8-15 8 p.

Force Dynamics as a Design Framework for Mid-Air Musical Instruments

Eskildsen, A. & Walther-Hansen, M., 2020, *Proceedings of the International Conference on New Interfaces for Musical Expression*. Birmingham City University, p. 361-366 6 p. (NIME Proceedings).

Force dynamics as a design framework for mid-air musical interfaces

Esildsen, A. & Walther-Hansen, M., 2020, *Proceedings of the International Conference on New Interfaces for Musical Expression 2020*. p. 361-366 6 p. (Proceedings of the International Conference on New Interfaces for Musical Expression).

Making Sense of Recordings: How Cognitive Processing of Recorded Sound Works

Walther-Hansen, M., 2020, Oxford University Press. 160 p.

Introduction: Volume 2

Grimshaw-Aagaard, M., Walther-Hansen, M. & Knakkegaard, M., 1 Jan 2019, *The Oxford Handbook of Sound and Imagination, Volume 2*. Oxford University Press, p. 1-11 11 p.

Danish Musicology Online Vol. 9

Lind, T. T. (ed.), Ringsager, K. (ed.), Walther-Hansen, M. (ed.) & Borcak, L. M. L. W. (ed.), 2019

Introduction: Volume 1

Grimshaw-Aagaard, M. N., Walther-Hansen, M. & Knakkegaard, M., 2019, *The Oxford Handbook of Sound and Imagination, Volume 1*. Grimshaw-Aagaard, M., Walther-Hansen, M. & Knakkegaard, M. (eds.). New York: Oxford University Press, Vol. 1.

Introduction: Volume 2

Grimshaw-Aagaard, M. N., Walther-Hansen, M. & Knakkegaard, M., 2019, *The Oxford Handbook of Sound and Imagination, Volume 2*. Grimshaw-Aagaard, M., Walther-Hansen, M. & Knakkegaard, M. (eds.). Oxford University Press, Vol. 2.

Ny Dansk Musikvidenskab - I kort format: Forord

Walther-Hansen, M., Ringsager, K., Lind, T. T. & Borcak, L. M. L. W., 2019, In: Dansk Musikforskning Online. DMO Sænummer 2019

Ny dansk musikvidenskab - I kort format (sænummer af DMO 2019)

Walther-Hansen, M. (ed.), Ringsager, K. (ed.), Lind, T. T. (ed.) & Borcak, L. W. (ed.), 2019, DMO Sænummer 2019 ed. Danish Musicology Online.

Sound Quality, Language, and Cognitive Metaphors

Walther-Hansen, M., 2019, *The Oxford Handbook of Sound and Imagination*. Grimshaw-Aagaard, M., Walther-Hansen, M. & Knakkegaard, M. (eds.). Oxford University Press, Vol. 1.

The Oxford Handbook of Sound and Imagination Vol. 1

Grimshaw-Aagaard, M. (ed.), Walther-Hansen, M. (ed.) & Knakkegaard, M. (ed.), 2019, Oxford University Press. 862 p.

The Oxford Handbook of Sound and Imagination Vol. 2

Grimshaw-Aagaard, M. N. (ed.), Walther-Hansen, M. (ed.) & Knakkegaard, M. (ed.), 2019, Oxford University Press. 689 p.

New and Old User Interface Metaphors in Music Production

Walther-Hansen, M., 2017, In: Journal on the Art of Record Production. 11

Balancing Audio: Towards a Cognitive Structure of Sound Interaction in Music Production

Walther-Hansen, M., 2016, *Music, Mind, and Embodiment: 11th International Symposium, CMMR 2015*. Springer, p. 228-242 15 p. (Lecture Notes in Computer Science, Vol. 9617).

Being in a Virtual World: Presence, Environment, Salience, Sound

Walther-Hansen, M. & Grimshaw, M., 2016, *Proceedings of the 11th Audio Mostly Conference: A Conference on Interaction With Sound*. Association for Computing Machinery, p. 77-84 8 p.

Tangible Mix as a Learning Tool for Music Production

Gelineck, S. & Walther-Hansen, M., 2016.

I Will Resist Being Labelled: Interview med Professor Mark Grimshaw

Walther-Hansen, M., 8 Apr 2015, In: Seismograf/DMT.

Danish Musicology Online - særnummer om lyd og musikproduktion

Knakkegaard, M. (ed.) & Walther-Hansen, M. (ed.), 2015

Examining the Changing Discourse of Recorded Popular Music using a Corpus-Based Approach

Walther-Hansen, M., 2015.

Music Production and Embodiment: Exploring the Balance Metaphor using a Corpus-Based Approach

Walther-Hansen, M., 2015, *Proceedings of the 11th International Symposium on Computer Music Multidisciplinary Research*. Aramaki, M., Kornland-Martinet, R. & Ystad, S. (eds.). Marseille: The Laboratory of Mechanics and Acoustics, p. 375-387 (L M A. Publications).

Sound Events, Spatiality and Diegesis: The Creation of Sonic Narratives in Music Production

Walther-Hansen, M., 2015, In: Dansk Musikforskning Online. Særnummer, p. 29-46 18 p.

Særnummer om lyd og musikproduktion

Knakkegaard, M. & Walther-Hansen, M., 2015, In: Dansk Musikforskning Online. p. 1-2 2 p.

The Balance Metaphor in Music Production

Walther-Hansen, M., 2015.

The Sound of the Smell of My Shoes

Grimshaw, M. & Walther-Hansen, M., 2015, *AM'15 Proceedings of the Audio Mostly 2015 on Interaction With Sound*. Association for Computing Machinery, 8 p. 18

Proceedings of the 9th Audio Mostly: A Conference on Interaction With Sound

Grimshaw, M. (ed.) & Walther-Hansen, M. (ed.), 1 Oct 2014, 219 p. Association for Computing Machinery.

Det ambientes fænomenologi: Anmeldelse af Ulrik Schmidts bog Det Ambiente

Walther-Hansen, M., 14 Feb 2014, In: Seismograf/DMT. 5 p.

Perceptual Effects of Dynamic Range Compression in Popular Music Recordings

Hjortkjær, J. & Walther-Hansen, M., Jan 2014, In: Journal of the Audio Engineering Society. 62, 1/2, p. 37-41 5 p.

The Force Dynamic Structure of the Phonographic Container: How Sound Engineers Conceptualise the 'Inside' of the Mix

Walther-Hansen, M., 2014, In: Journal of Music and Meaning. 12, p. 89-115

Conceptualising the Effect of Dynamic Range Compression in Popular Music Production

Walther-Hansen, M., 2013.

The Perception of Sounds in Phonographic Space

Walther-Hansen, M., 2012

Crooneren og growleren: Stemmen i fonogrammet rum

Walther-Hansen, M., Mar 2011, In: Omlyd. 2

Perceiving Depth and Distance in Recorded Music

Walther-Hansen, M., 2011, *Proceedings of Art of Record Production Conference*.

The Dynamic Structure of Phonographic Space

Walther-Hansen, M., 2010, *Proceedings of Art of Record Production Conference*.

Mapping out the Sound Stage in Modern Popular Music Recordings

Walther-Hansen, M., Oct 2009, *Proceedings of Motion and Emotion Within Place*.

The Influence of Music Technology on the Perception of the Performer in Phonographic Space

Walther-Hansen, M., 2009, *Proceedings of Art of Record Production Conference*.

Activities

Lean Entrepreneurship in Higher Music Education

Mads Walther-Hansen (Speaker)

14 Apr 2023

Imagining who: Musicology and its subjects

Mads Walther-Hansen (Lecturer)

24 Nov 2022

Music Entrepreneurship - Between Art and Business

Mads Walther-Hansen (Speaker)

30 Jun 2022

Action and Interaction in Non-Haptic User Interfaces

Mads Walther-Hansen (Speaker) & Anders Eskildsen (Speaker)

17 Jun 2022 → 19 Jun 2022

Danish Sound Day

Mads Walther-Hansen (Participant)

9 Oct 2019

Hvordan smager lyd?

Mads Walther-Hansen (Lecturer)

11 Sept 2019

Seminar om akademisk skrivning

Mads Walther-Hansen (Organizer)

14 Mar 2019

11th Art of Record Production Conference

Mads Walther-Hansen (Organizer)

25 Nov 2016

11th Audio Mostly Conference

Mads Walther-Hansen (Speaker)

4 Oct 2016

Studienævnet for Musik (External organisation)

Mads Walther-Hansen (Chairperson)

Feb 2016 → Feb 2020

Journal of the Art of Record Production (Journal)

Mads Walther-Hansen (Peer reviewer)

2016 → ...

2. nordiske konference om lyd- og musikproduktion

Mads Walther-Hansen (Organizer)

12 May 2015 → 13 May 2015

Censorkorpset for kandidatuddannelsen i Musikdidaktik ved IUP (External organisation)

Mads Walther-Hansen (Member)

1 Apr 2015 → ...

10th Art of Record Production Conference

Mads Walther-Hansen (Speaker)

2015

11th International Symposium on Computer Music Multidisciplinary Research

Mads Walther-Hansen (Speaker)

2015

17th Nordic Musicological Congress

Mads Walther-Hansen (Speaker)

2015

18. IASPM konference

Mads Walther-Hansen (Participant)

2015

Audio Mostly 2015

Mads Walther-Hansen (Speaker)

2015

Dansk Musikforskning Online (Journal)

Mads Walther-Hansen (Editor)

2015 → 2022

Seismograf/DMT (Journal)

Mads Walther-Hansen (Peer reviewer)

2015 → ...

The 9th Art of Record Production Conference:

Mads Walther-Hansen (Participant)

4 Dec 2014 → 6 Dec 2014

SenseCamp'14

Mads Walther-Hansen (Participant)

26 Nov 2014

Perceptual Effects of Dynamic Range Compression in Popular Music Recordings

Mads Walther-Hansen (Lecturer)

22 May 2014

Sonic Signatures Symposium

Mads Walther-Hansen (Speaker)
9 Apr 2014 → 11 Apr 2014

Audio Mostly 2014

Mads Walther-Hansen (Organizer)
2014

Audio Mostly (Journal)

Mads Walther-Hansen (Peer reviewer)
2014 → ...

Censorkorpset for Musikvidenskab (External organisation)

Mads Walther-Hansen (Member)
2014 → ...

Journal of the Audio Engineering Society (Journal)

Mads Walther-Hansen (Peer reviewer)
2014 → ...

Studienævnet for Musik (External organisation)

Mads Walther-Hansen (Member)
2014 → ...

SenseCamp'13

Mads Walther-Hansen (Participant)
22 Nov 2013

Ljud- och musikproduktion

Mads Walther-Hansen (Speaker)
13 Nov 2013

Rum i popmusik

Mads Walther-Hansen (Lecturer)
12 Nov 2013

Lydredigering i Hindenburg

Mads Walther-Hansen (Speaker)
11 Oct 2013

Audio Mostly

Mads Walther-Hansen (Participant)
2013

Prizes

Association for Recorded Sound Collections. Best Historical Research on Record Labels and General Recording Topics for "Making Sense of Recordings: How Cognitive Processing of Recorded Sound Works", Oxford University Press.

Walther-Hansen, Mads (Recipient), 2021

Best Paper Award of Audio Mostly 2016

Walther-Hansen, Mads (Recipient) & Grimshaw-Aagaard, Mark Nicholas (Recipient), 2016

Årets underviser - Studienævnet for Kunst, Sundhed og Teknologi, AAU
Walther-Hansen, Mads (Recipient), 2022