

One-page summaries

PHD COURSE IN MUSIC THERAPY RESEARCH

November 10–15, 2024

PhD Specialisation in Music Therapy Research

Department of Communication and Psychology

Aalborg University, Denmark

Version 30.10.2024

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Diandra Russo: You, Myself and I – Phenomenological approaches to investigate the intersubjective experiences using monochord sounds in a dyadic setting

Supervisor: Hanne Mette Ridder

Working title of the study: “Moment’s Notice” - A phenomenological inquiry into the intersubjective experiences using monochord sounds

Context: The purpose of this article-based PhD is to study, explore and explicate the intersubjective phenomena of a receptive music therapy intervention using monochord sounds. Of particular interest is to analyze patterns of physiological parameters (Heart Rate Variability, Breath Rate, Electrodermal Activity) between the recipient (participant) and the player (music therapist) and their subjective experiences of the intervention. The study is embedded in an interdisciplinary research project at the Zurich University of the Arts in Switzerland.

Design: The main study is designed as a two-armed-randomized-controlled crossover study. A mixed-methods design is used, in which pre-, peri- and post measurements are taken. The effect of monochord sounds on healthy subjects (n=66) aged between 20 to 29 years is investigated. All subjects will receive one session in each of the two conditions (live vs. prerecorded monochord sounds) in a randomized order. In an embedded part of the study, I will explore the intersubjective experiences through a phenomenological lens.

Method and Research Questions:

Article 1 is a study protocol following “SPIRIT” guidelines and is titled: “Mind the Gap: Old Sounds for New Research - A Study Protocol Investigation into the Effects of Monochord Sounds on the Stress Regulation of Healthy Adults”. The goal of the protocol is to foster future discussion and collaboration within this theoretical framework.

Article 2 is an autoethnographic portrait of my perspective, pre-knowledge and personal experiences using monochord sounds in clinical practice.

Article 3 is a phenomenological inquiry, based on the results of the study, analyzing physiological patterns. The goal is to correlate these results with qualitative data (subjective experiences of the participants and music therapists) and defining emergent phenomena.

Current state of the study: The first draft of the co-authored Article 1 is nearly completed but requires refocusing on the key aspects of the research. Additionally, we have begun the recruitment phase, and so far, 35 participants are eligible and enrolled in the study, with 18 participants having completed the process. As we analyze the data from the first set of participants and finalize qualitative methods to assess subjective experiences, the methodology for the next steps in my PhD project continues to evolve.

The topics of the presentation will provide an overview and update on the PhD progress, including an explanation of the emerging phenomenological approach. The audience will be invited to co-explore the current thought processes on potential analysis approaches.

Eva Phan Quoc: Attachment-based music therapy - exploring suitable terms and descriptions for complex interventions

Supervisors: Thomas Stegemann (University of Music and Performing Arts Vienna) and Stine L. Jacobsen

Working title of the study: Attachment-based MusikSpielTherapie (MST)

[MusicPlayTherapy]: Development and conceptualisation of an attachment-based music therapy approach for young children and their caregivers

Over the last decade, an increasing number of music therapists have begun working in various family settings. Especially in the field of early childhood work, caregivers' active involvement in the therapeutic process is often beneficial in initiating changes within the family system. Central to this way of working is offering a safe and playful atmosphere in the music therapy sessions coupled with reflection on these experiences in regular counselling sessions with the adult carers. This PhD-study focuses on the conceptualisation of an attachment-based music therapy approach that engages the infant and caregiver in a triadic music therapy setting.

Research design: Qualitative study in three parts

PART I: Mapping and contextualising the original MST approach

Method: Expert interviews with the founders; qualitative content analysis

1) What is the history, conceptual basis and practical application of MST from the perspective of the founders and on the basis of existing literature?

MST is a music therapy approach developed by K. Stumptner and C. Thomsen in Berlin (DE) that works in a triadic setting with the child (aged 0–4 years) and the caregiver. The initial phase of this research project entails a critical examination of the MST concept. The objective is to present a comprehensive and detailed description of this music therapy approach.

PART II: Development of an expanded concept of attachment-based MST

Method: Literature work

2a) Which role do attachment-based elements, offers or interventions play in the original approach of MST?

2b) How can an emphasis on an additional attachment-based perspective and concrete attachment-based elements enrich the content of the MST concept?

In the second part of the study, the MST approach is discussed from an attachment theory perspective. The objective of this part is to provide more detailed and practical knowledge about attachment-based music therapy techniques, interventions and methods for conducting music therapy before this approach is implemented in a clinical setting in part III of this investigation.

PART III: Application of attachment-based MST to five families

Topic of the presentation: The objective of my presentation is to address the challenge of describing therapeutic techniques and interventions in as much detail as possible and to identify a suitable structure or method of categorisation.

Eva Marija Vukich: Leaning in to hear *Sounding Relation*: A reflection on my first year as a PhD researcher

Supervisors: Claire Ghetti (University of Bergen) and Ulla Holck

Working title of the study:

“Sounding Relation: Use of video microanalysis to explore parental contributions to infant regulation in the context of prematurity and NICU music therapy”

[Sounding Relation Research Project \(RCN 335416\)](#)

Aim:

In this research project, our primary questions of WP1 are:

- 1) *What are the characteristics of premature infant directed actions (PIDA) of parents during music therapy in the NICU?*
 - a) *Furthermore, what conditions support the parent in their actions to relate and attune to their infant over the course of the NICU admission?*

Research design:

Qualitative-dominant, mixed methods study

Topic for the presentation:

In this presentation I will

1. introduce myself (personal and professional)
2. project background
 - a. history and context
 - i. UiB
 - ii. externally funded by Norwegian Research Council
 - iii. faculty principles
 1. repurposed data
 2. interdisciplinary team
 - b. unique aspects of PhD @ UiB
 - c. work packages
 - i. research questions
3. project status
 - a. WP1 video microanalysis
 - i. digging into audio and video archive
 - ii. fine-tuning the research questions
 - iii. emerging methodology
 - iv. engaging interdisciplinary team

Hannah Riedl: Planning a study between methodological requirements and the real world

Supervisors: Ulla Holck and Christian Grünhaus (Vienna University of Economics and Business)

Working title of the PhD study: “What is the Value of Music Therapy?” Music Therapy and Health Economics: Scoping review, SROI analysis and application guide

Research design: Multiple-strategy design, consisting of three sub-projects

In my PhD, the **aim** is to link music therapy and the field of health economics to gain knowledge about and to contribute to this emerging and important interface for the music therapy profession.

The **objectives** specifically are

- to provide a broad state-of-the-art overview of the body of research on music therapy concerning this interdisciplinary field (“music therapy” and “health economics”) (> article 1),
- to conduct a social return on investment analysis in a specific music therapy setting in Austria to enrich the existing body of research (> article 2), and
- to provide a guideline to potential ways of integrating/adding economic evaluations into future (clinical) music therapy research studies (article 3).

Current status of the study:

- Article 1 in review (minor revisions)
- Preparing Sub-project 2: Social Return on Investment Analysis (resulting in article 2)
- Submitted one paper presentation and one interdisciplinary “bridges”-format for EMTC2025

Topics for the presentation:

In this presentation, I will

1) reflect about practical and ethical issues regarding sensitive data, pseudonymised and anonymised data and how these issues influence research design:

- Is it possible to do exactly what I want to do?
- Can I do what I want to do also with pseudonymised/anonymised data?
- How can I ensure that my requests to participants are not too time-consuming?
- What legal requirements and GDPR rules do I need to consider when planning my study?
- At what point would I lose the ability to answer my research interest, if I made too many compromises on all these issues?

2) present the current research design of the social return on investment analysis.

3) discuss and reflect points 1) and 2) with the whole group.

Joyu Lee: Investigating university student experiences using a mixed-methods multiple case study approach in Music Breathing

Supervisors: Hanne Mette Ridder & Charlotte Lindvang

Background: For my PhD Project “Using Music Breathing (MB) with University Students for Emotion Regulation: A Three-Part Investigation”, part two is to conduct the mixed-method research study. During the study, the researcher (Joyu) taught the participants (university students) the basic skills of MB, and encouraged them to learn and practice emotion regulation skills through music, breathing, and artistic creative activities. The purpose of my project is to study the efficacy of MB as an emotion/affect regulation tactic and resource for university students.

Research Design: Each participant completed the “Music Use Questionnaire” (MUSE), and the “Tree of life- My relationship with music, past and present” music questionnaire (designed by me) during the initial assessment session. Each participant completed The Brief Music in Mood Regulation Scale (B-MMR) pre and post study. Each participant participated in a 4-part Music Breathing series which included 7 music psychotherapy sessions in a 2–3-week timelines. Joyu followed up with all participants after 2 months of the participant’s last session.

I am testing the hypothesis that the participants will gain more insight of how to use music, breathing, and artistic creative activities to promote emotion regulation after receiving the 4 - part MB series.

Using phenomenological approaches, the **research questions** are the following:

- a) What experiences do students perceive helpful in the MB process?
- b) What experiences do students perceive as not helpful in MB process?
- c) What common themes exist among these experiences?
- d) How do qualitative themes from the experiences align with the quantitative survey data on MB?
- e) What are the qualitative descriptions of students’ MB experience, and how do these relate to quantitative indicators like frequency or intensity in B-MMR?
- f) What themes emerge from interviews with students, and how can these themes be quantitatively measured to assess their prevalence?

The current state of the study: In this presentation, I would like to explore *Data Analysis Procedures* with the PhD cohort: I will share collected data from the three participants.

Call for action:

Managing and synthesizing data from multiple case studies can be challenging due to the complexity and volume of information involved. I would love to explore recommendations from the group for systematic organization techniques, such as using qualitative data analysis software or coding framework. I am currently developing a thematic framework (or a consistent coding scheme?), and would be interested in using strategies like “cross-case synthesis” to compare findings while retaining individual case details.

Maria Gjerulff Schmidt: Collecting and connecting knots and embarking on my PhD journey - researching person attuned musical interactions in dementia care

Supervisors: Hanne Mette Ridder and Ulla Holck

Titel of the study: Quality improvement in the culture of residential care for persons with dementia through the implementation of person-attuned musical interactions (PAMI)

Research questions: The purpose of this PhD project is to explore how the integration of person-attuned musical interactions (PAMI) affects the culture of care in residential dementia care. The project seeks to explore if and how PAMI influence daily care practices for people with dementia and how the involved caregivers, persons with dementia and their relatives experience these changes. Current research questions are:

- Which processes and experiences arise when PAMI is integrated into daily dementia care practices?
- What kind of changes in the dementia care culture are observed and described as a result of integrating PAMI?

Research design: The study will be based on an explorative research design.

Method: Interpretivist methods including ethnographic and autoethnographic methods will be applied to answer the research question.

Current state of the study: At the moment I am focused on dialogues with Kolding Kommune about getting access to data for my PhD. Apart from qualitative data we aim to collect data about the use of PRN¹ and anti-psychotic medication for persons with dementia in residential care.

I am also working on my PhD plan and doing my first beginning thoughts and preliminary literature search related to the importance of emotions between caregiver and the person with dementia. I am interested in awareness about emotions as a key to connectedness. I am also looking into literature about the value of care and how giving value to care affects the culture in care.

I just started writing narratives (lived-experienced descriptions) from practice and they will be used as a part of my data as a source of perspectives and knowledge about PAMI.

Topic for the presentation: In this presentation, I will give a brief contextualization and overview of my PhD and talk about the importance of emotional connectedness between caregiver and person with dementia. I will also share thoughts about value of care and would like to have a shared dialogue with you.

¹ PRN 'Pro re nata': meaning 'when required'. This medication is usually prescribed to treat short term or intermittent medical conditions and is not to be taken regularly.

Rut Wallius: Applying trauma-informed research with families in vulnerable life situations

Supervisors: Stine Lindal Jacobsen and Alexandra Ullsten, Centre for Clinical Research, Region Värmland, Sweden.

Title of the study:

Music therapy intervention to support the reunification of children in care with their parents

Research questions:

The overarching purpose of the study is to better understand music therapy as an intervention within the field of Child protection, during the reunification process, between a child in care and the child's parents.

Research design:

The study has a qualitative/interpretivist approach. By gathering mixed data it allows for a quantitative, explorative method in combination with a qualitative, hermeneutic approach.

Method:

Part one is based on a semi-structured interview, performed by an independent family counsellor, with a dyad of a parent and a child who has experienced music therapy as an intervention during the reunification process.

Part two will focus on developing a music therapy intervention based on the results from the collaborative interview performed in part 1.

Part three consists of implementing the music therapy intervention as well as collecting a range of mixed data relating to how the parent mentalise the child and to the interaction and the quality of the interaction between child and parent in the reunification process. Data will be collected through video-clips from assessment sessions with the dyad, video-clips from the music therapy sessions with the dyads, audio-recorded counselling sessions with the parents and collaborative interviews with the dyads.

Part four includes the analysis and comparison of the collected data.

Current state of the study:

The study is now in the 2nd – 3rd part. A study protocol, including a description of the intervention based on the results of the collaborative interview is under development and the recruitment process has started.

Topic for the presentation:

When conducting research with children, young persons and parents in vulnerable situations, a trauma-informed perspective is particularly important. The aim of my presentation is to share and discuss the process of developing a study protocol with a focus on ethical considerations based on the principles of trauma-informed research and how these can be integrated in the music therapy intervention.²

² Alessi, E. J., & Kahn, S. (2023). Toward a trauma-informed qualitative research approach: Guidelines for ensuring the safety and promoting the resilience of research participants. *Qualitative Research in Psychology*, 20(1), 121–154. 10.1080/14780887.2022.210796

Selina Maria Kehl: Exploring synchronous interactions during Creative Music Therapy within the triad of infants with congenital heart disease, their mothers, and the music therapist.

Title of the study: Synchronizing in the triad? Creative Music Therapy as a possible facilitator for physiological and meaningful interactions between infants with congenital heart disease, their mothers, and the music therapist.

Research questions: The planned research project focuses on synchronous interactions between infants with congenital heart disease (CHD), their mothers, and the music therapist. CHD with its surgical and interventional treatment, often followed by prolonged hospital stays, affect both infants and parents and impedes the development of their bidirectional physical, emotional, and psychological attachment process (Biber et al., 2019; Kasparian et al., 2019).

Synchrony is regarded as a key feature of mother-infant interaction (Leclère et al., 2014). Thus, I focus on the four channel matrix of parent-infant bio-behavioural synchrony, which is being considered as crucial for infants during the critical postpartum period for their neurobehavioral maturation, their stress regulation and for their capacity for social affiliation (Feldman, 2012).

The main research objective is to explore, whether CMT may play a supportive role to foster synchrony and hence, physiological and meaningful interactions between the mother-infant dyad. Second, there is the aim to gain a deeper understanding about the therapeutic processes within this triadic setting, which also involves the music therapist.

Research design: The study will be part of an RCT, conducted at the Children's University Hospital Zürich. This sub-study will work with a mixed-method approach.

Method: To cover the different levels of synchrony, three methodological approaches are being used to investigate synchronous interactions between mothers, their infants with CHD (N=30), and the music therapist.

1. Within the CMT group, physiological parameters (Heart rate, HRV) of mothers, their infant and the music therapist are measured using ECG, which is regarded as a reliable method to explore synchrony at the physiological level. Analyses will be conducted with the statistical program R.
2. Video-assessment of mother-infant synchrony will be examined at the behavioural level at 6mth of infant's age, either with a reliable synchrony scale or with micro-coded time series analyses, comparing CMT group and Control group.
3. Qualitative, semi-structured interviews will be conducted with mothers of the CMT group on their parental perspectives, after having completed the primary outcome measure within the RCT.

Current state of the study: This study has not been started yet; the design is in progress.

Topic for the presentation: Giving an overview about the current research project, in which this study will be conducted, presentation of the research questions as well as the research design.

Sheila Pereiro Martínez: Randomised controlled trial of music therapy during weaning from mechanical ventilation in the intensive care unit: preliminary results of the statistical analysis

Supervisors: Bolette Daniels Beck

Titel of the study: Music therapy during Weaning from Mechanical Ventilation in the intensive care Unit: a Radomized Control Trial (RCT) study

Primary research question: Does music therapy intervention affect the duration of the process of disconnection from mechanical ventilation (weaning) in an experimental group of critically ill patients in an intensive care unit (ICU) receiving music therapy intervention, in comparison with a control group of critically ill patients receiving the usual clinical protocol of weaning (without intervention with music therapy)?

Secondary research questions: Does music therapy intervention affect the average dose of sedation and analgesia, agitation, delirium, perception of pain, the blood pressure, heart rate, breathing rate and oxygenation level and perceived stress during the process weaning?

Research design: Randomized Control Trial (RCT) with parallel groups (control and intervention group, n=100)

Method: This study is a quantitative research and statistical analysis methods is be applied in order to answers the research questions.

Current state of the study: The research study was designed and implemented by the University Hospital of Vitoria- Gasteiz, BIOARABA (Health Research Institute of Basque Country) and Música, Arte y Proceso Institute (Spain) in October 2020. In September 2023, the randomisation and data collection has been completed. At present, BIOARABA's team of statisticians is carrying out the corresponding statistical analyses and the research team is receiving the preliminary results for their subsequent review, understanding and dissemination.

Topic for the presentation: In this presentation, I intend to present the preliminary data received from the statistical analysis being carried out by the statistical team in charge. These include general descriptive data and specific statistical significance analyses for the various variables under study. The aim is to discuss their meaning and implications and to gather ideas for their dissemination.

Lectures and workshops at the course

Andrea Hunt: Humanizing and contextualized options for MT clinician-researchers

In this presentation, I will discuss the potentials and limitations of mechanistic research in music therapy contexts, and offer other options for conducting such research that allow for discovery and support of individual client needs. The presentation will address examples and proposals of neurophenomenology, social neuroscience, social neuroscience, community-based and mixed-methods approaches, including suggestions for projects focused on addressing music interventions for chronic pain.

Andrea Hunt, PhD, is assistant Professor, Director of Music Therapy, at Rowan University, New Jersey. <https://cpa.rowan.edu/bios/hunt-andrea.html>

Literature to read for the lecture

Hunt, A. M. (2022). Mechanistic research approaches in music therapy for pain: Humanizing and contextualized options for clinician-researchers. *Frontiers in Pain Research*, 3, 1002819. <https://www.frontiersin.org/journals/pain-research/articles/10.3389/fpain.2022.1002819/full>

Charlotte Lindvang: Journal Club. Taking time – about students' self-care and qualitative content analysis

Charlotte Lindvang, MA, PhD, Associated Professor at the Music Therapy programme at Aalborg University, Denmark. <https://vbn.aau.dk/da/persons/chli>

Literature to read for the lecture

Wilhelm, L. A., & Moore, C. (2023). "Taking Time": Exploring Music Therapy Student Self-Care Definitions and Practices. *Journal of Music Therapy*, 60(3), 343-369.

Supplementary reading

Elo, S., & Kyngäs, H. (2008). The qualitative content analysis process. *Journal of advanced nursing*, 62(1), 107-115.

Julie Borup Jensen: Using Lego Serious Play to conceptualise your research

The LEGO Serious Play® method (Hansen, Mabogunje, & Haase, 2009) is widely used to spark innovation and organizational learning. Julie uses the bricks to facilitate aesthetic and playful reflection concerning individual researchers' and research teams' more or less implicit understandings of words, phrases and actions used in their research practice, in other words the articulation of taken-for-granted methodological consequences of their research objects. The LEGO Serious Play-articulation takes a sensual, visual, spatial, aesthetic, and symbolic

form by being built with LEGO bricks, very much in line with Bruner's understanding of externalization (Bruner, 1999). The bricks also facilitate a tactile and sensual process while participants explore their own and each other's perceptions of words, phrases, concepts, practices, and actions, because they can convey the meaning of the figures through a process of negotiating meaning (Frick et al., 2013; Bruner, 1996).

Julie Borup Jensen, PhD, is professor at the Department of Culture and Learning, The Faculty of Social Sciences and Humanities, Aalborg University. <https://vbn.aau.dk/da/persons/jbjjen>

Readings: If you get interested in the LEGOs' facilitating potentials after the workshop, you might find it fun to read this white paper (there are also a lot of good references in the paper):

Frick, E., Tardini, S. og Cantoni, L. (2013). White Paper on LEGO Serious Play. A State of the Art of its Application in Europe. European Commission report. University of Lugano.

And I build my own approach on:

Bruner, J. (1996). *The culture of education*. Harvard University Press.

Hansen, P. K., Mabogunje, A., & Haase, L. M. (2009). Get a Grip on Sense-Making and Exploration Dealing with Complexity through Serious Play. *Industrial Engineering and Engineering Management*, 1593-1597

Lisa Summer: It happens in the music: where Guided Imagery and Music (GIM) and psychedelic-assisted therapy (PAT) meet

Helen Bonny developed music programming for Psychedelic-assisted Therapy in the 1960's, and when PAT research was disbanded by the US government, she created the GIM method, a nonpharmacological replication of PAT. I will introduce the origins of GIM and then illustrate contemporary GIM-informed music interventions for psychedelic treatment with a hospice patient experiencing demoralization.

Lisa Summer, PhD, LMHC, LCAT, MT-BC, FAMI, is professor emeritus at Anna Maria College and director and primary Trainer at the Institute for Music & Consciousness.

Literature to read for the lecture

Messell, C., Summer, L., Bonde, L. O., Beck, B. D., & Stenbæk, D. S. (2022). Music programming for psilocybin-assisted therapy: guided imagery and music-informed perspectives. *Frontiers in psychology*, 13, 873455.

<https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2022.873455/full>

Saltzman, J. (2023). Can magic mushrooms help hospice patients face death? Dana-Farber researchers want to find out. Boston Globe Media.

Stine Lindahl Jacobsen: The art of pitching your research

Stine Lindahl Jacobsen, MA, PhD, Associated Professor at the Music Therapy programme at Aalborg University, Denmark. <https://vbn.aau.dk/da/persons/slj>

Literature

- Faff, R., Kastle, T., Axelsen, M., Brosnan, M., Michalak, R., & Walsh, K. (2021). Pitching research for engagement and impact: a simple tool and illustrative examples. *Accounting and Finance*, 61(2), 3329-3383. <https://doi.org/10.1111/acfi.1270>
- Ruiz-Madrid, N. (2021). A multimodal discourse approach to research pitches, *Journal of English for Academic Purposes*, 52, <https://doi.org/10.1016/j.jeap.2021.101003>.
- Valeiras-Jurado, J. (2017). *A multimodal approach to persuasion in oral presentations: The case of conference presentations, research dissemination talks and product pitches*. Diss. Ghent University. <https://doi.org/10.2979/teachlearning.1.2.105>

Ulla Holck: Video based analysis of interactions in music therapy - with an ethnographic research approach (Ulla)

One of the basic ideas in the ethnographic approach to video analysis is to study the 'practices' of those being observed. Based on my PhD research, I present how this approach can be used in music therapy to analyze practices or patterns of interaction between non-verbal client and therapist either to be able to describe hidden or emerging abilities in the client, or as a step towards developing concepts for MT practices that are not already conceptualized (Holck, 2007). After the introduction to the approach, aims and method, we will briefly discuss the epistemology of the ethnographic approach to video observation.

Ulla Holck, MA, PhD, Associated Professor at the Music Therapy programme at Aalborg University, Denmark, and Head of the knowledge part of the Danish Center for Documentation and Research in Music Therapy at Aalborg University (www.cedomus.aau.dk). The main research areas are explorative video analysis and music therapy with children with neurodevelopmental disorders. <https://vbn.aau.dk/en/persons/holck>

Literature to read for the lecture

- Holck, U. (2007). An ethnographic descriptive approach to video micro analysis. In T. Wosch & T. Wigram (Eds.), *Microanalysis in Music Therapy*, p.29-40. Jessica Kingsley. Available online at Aalborg University Library, <https://web-p-ebshost-com.zorac.aub.aau.dk/ehost/detail/detail?vid=0&sid=2772081a-d867-4c99-8ff4-ec2202cf36f6%40redis&bdata=JnNpdGU9ZWWhvc3QtbGl2ZQ%3d%3d#AN=209249&db=nlebk>

Supplementary readings

- Knoblauch, H., Tuma, R., & Schnettler, B. (2014). Video analysis and videography. In *The SAGE Handbook of Qualitative Data Analysis* (pp. 435-449). SAGE Publications Ltd. Available online at AUB: <https://methods-sagepub-com.zorac.aub.aau.dk/book/the-sage-handbook-of-qualitative-data-analysis/n30.xml>
- Marvasti, A. (2014). Analysing observations. In *The SAGE Handbook of Qualitative Data Analysis* (pp. 354-366). SAGE Publications Ltd. Available online at AUB: <https://methods-sagepub-com.zorac.aub.aau.dk/book/the-sage-handbook-of-qualitative-data-analysis/n24.xml>

Jacob Davidsen and Eva Marija Vukich: Video based analysis of interactions - using DoteBase In this presentation, we will introduce DOTEbase.

This includes why and how we developed the software. In addition, some of the basic tools in DOTEbase will be presented. Using the Sounding Relation videoanalysis project as a working example, we will share an inside look into the pragmatic steps that were taken to prepare the video archive, revising the research focus and methodology based on archive metadata, drafting of coding frameworks, and real-life implementations in DOTE and DOTEbase. The group will have an opportunity to workshop together through a live demo and simulate a start to finish process with a new example.

For later use

DOTEbase tutorials:

<https://www.youtube.com/playlist?list=PLQJhL9BD4W1SBMElUSGUZe7Kw962GutWL>

Basic info: www.dote.aau.dk

Online help guide: <https://bigsoftvideo.github.io/DOTEbase/>

Jacob Davidsen is an Associate Professor at the Faculty of Social Sciences and Humanities, Aalborg University, where he leads the CHIPS research group (Collaboratory for Human-Centered Immersive Problem-Solving Spaces). His research primarily explores the role of dialogue and embodiment in postdigital collaborative learning, focusing on various contexts such as architecture education, medical training, and classroom education. In addition, Davidsen is a co-founder of the BigSoftVideo team, which develops software to support studies of collaborative learning using audiovisual data (e.g., AVA360VR, DOTE, and DOTEbase). His work also reflects a strong commitment to advancing digital qualitative research. Further, Davidsen has an interest in developing software that supports collaborative learning activities – most prominently a collaborative 360VR platform (CAVA360VR) used in medical training and teacher training. <https://vbn.aau.dk/da/persons/jdavidsen>

Eva Marija Vukich is a PhD candidate in the Sounding Relation research project at University of Bergen in Norway. Their experience as a clinical music therapist has primarily focused on family support in perinatal, pediatric, and migrant community settings. Through this doctoral research, they are interested in exploring new insights concerning the way that parents and their premature infants make or sustain their relationship during complexities of a NICU admission. They are curious about how research and the arts can more closely align with community-based activism for reproductive justice and system transformation.

Ulla Holck: Video based analysis of music activities in a family group setting – using content analysis

In an ongoing research study, I use inductive content analysis of video recordings from a pilot study that was part of MUFASA (Music, Families, and Interaction), an RCT study investigating the effect of music activities on mental health in non-clinical families (Jacobsen et al, 2022). The aim of the ongoing study is to explore the similarities and differences in the way family group sessions are facilitated by a music educator and a music therapist, respectively. In the presentation I will explain the analysis steps mainly following Mayring (2014; 2022), including choices and challenges when data consists of video observations and not verbal text.

After the presentation we will continue our discussion on epistemology in relation to the different approaches to video based analysis – presented during the morning.

Literature to read for the lecture

Mayring, P. (2014). Qualitative content analysis: theoretical foundation, basic procedures and software solution. Chapter 1 (skim) and 6.3. Available online at <https://www.ssoar.info/ssoar/handle/document/39517>

Supplementary reading

Mayring, P. (2022). Qualitative Content Analysis. A step-by-step guide. Sage Publications, Inc.

Scheier, M. (2014). Qualitative content analysis. In U. Flick (Ed), The SAGE Handbook of Qualitative Data Analysis (pp. 170-183). SAGE Publications, Inc. Available online at AUB: <https://methods-sagepub-com.zorac.aub.aau.dk/book/the-sage-handbook-of-qualitative-data-analysis/n12.xml>