Second international conference on computational and cognitive musicology

Utrecht University, Netherlands, October 2024
Organised by the Music Information Computing Group
Peter van Kranenburg, Anja Volk, Mirjam Visscher, Frans Wiering

Wednesday 16 October, Minnaert Building, room 3.12

Leuvenlaan 4, 3584 CE Utrecht

Early Music Hack Day (satellite event) 9:30-17:30

Thursday 17 October, Botanic Gardens, Wachendorff room

Budapestlaan 17 3584 CD Utrecht

Registration 10:00-10:20

Music information computing for health and wellbeing 10:20-11:20

Anja Volk. *Kick-off reflection on Music Information Computing at Utrecht University*
Florence Levé, Sahar Moghimi and the PreMusic team. *Designing musical and rhythmic stimuli for NICU interventions*
Bastian Vobig. *From Assessment Profile to Process Assessment: Challenges in Automating Music Therapy Analysis*

Coffee break 11:20-11:45

Computational ethnomusicology 11:45-12:45

Anna Aljanaki, Inna Lisniak. *Comparing Estonian and Finnish Folk Dance Tunes for Violin Using Computational Methods*
Ardavan Khalij, Geraint Wiggins, Nicholas Harley. *Knowledge and Data Representation for Study of Traditional Iranian Music*
Dániel Péter Biró, Peter van Kranenburg. *A Computational Analysis of the Functionality of Melodic Contour in Qur'an Recitation*

Walking lunch 12:45-14:00

Early music computing (1) 14:00-15:00

Olja Janjuš. *Case studies on computational analysis of German lute tablature*
Ilias Kyriazis. *Multimodality, annotations, and semantic interlinking in the E-LAUTE critical edition*
Christophe Guillotel-Nothmann, Thomas Bottini, Philippe Cathé, Anne-Emmanuelle Ceulemans, Achille Davy-Rigaux, Marco Gurrieri, Félix Poullet-Pagès. *Tonalities, an application for the collaborative online analytical exploration of digital scores: a demonstration based on secular polyphonic works by Guillaume Dufay*

Break; walk to Koningsberger 15:00-15:30

Thursday 17 October, Koningsberger Building, ground floor

Budapestlaan 4a-b, 3584 CD Utrecht

Poster session (part 1) 15:30-16:15

Jens Johannsmeier, Kenneth Allan, Sebastian Stober. *Improved Instrumental Retrieval for Riddim Albums*
Nicholas Cornia. *Flemish Archive for Annotated Music (FAAM)*
Geert Maessen. *Expanded Dreams on Early Chant and Computation*
Ugo Bindini. *Introducing ReDiX: a digital tool for harmonic analysis in Renaissance polyphony*
Viktor Lazarov. *Quantitative Analysis of Baroque Performance Styles in the Keyboard Works of J. S. Bach and C. Graupner*
Peter van Kranenburg. *In search of Das Wohltemperirte Clavier*
Ashley Burgoyne. *A Corpus Analysis of Music Corpus Analysis: Topics in the Oxford Handbook*

Poster session (part 2) 16:15-17:00

Iris van der Wulp. *Investigating individual differences in linguistic statistical learning and their relation to rhythmic and cognitive abilities*

Bas Cornelissen, Tim Braithwaite. *Delasol: automatic hexachordal solmization*

Çınar Gedizlioğlu, Kutluhan Erol. *Enhancing Chord Generation in Modulating Musical Pieces: Integrating Local Key Detection with Deep Learning Models*

Lucas Hofmann, Craig S. Sapp, Fabian C. Moss. *Metrical Irregularities and Polymetric Structures in Hugo Distler's Vocal Works: Towards a Digital Corpus Study*

Reinier de Valk. *AbsoLutely Tabulous — A toolbox for computational processing and analysis of music in lute tablature*

Nick Harley, Geraint Wiggins, Jamie Forth, David Lewis, Tim Crawford. *A Common Hierarchical Abstract Representation for Music: applications in historical musicology*

Johanna Devaney, Alexander Morgan, Daniel McKemie. *pyAMPACT: A Score-Audio Alignment Toolkit For Performance Data Estimation And Multi-Modal Processing*

Laurent Pugin, Johannes Hentschel, Yannis Rammos, Andrew Hankinson, Martin Rohrmeier. *MEI-Basic support in MuseScore*

Drinks 17:00-18:00

Friday 18 October, Botanic Gardens, Wachendorff room

Budapestlaan 17 3584 CD Utrecht

Room opens 10:00

Early music computing (2) 10:15-11:35

Marnix van Berchum. *"What has Kevin Bacon ever done for musicology?": network science, early music, and The Oracle of Josquin*

Anna Plaksin. *Towards an evidence-based theory of scribal micromutations in the transmission of renaissance music*

Tim Crawford, David Lewis. *Towards a comprehensive, unified, interoperable and searchable corpus of lute music*

Mirjam Visscher, Frans Wiering. *Audio analysis of renaissance polyphony*

Coffee break 11:35-12:00

Computational music analysis 12:00-13:00

David Meredith. *A parallel algorithm for finding maximal transformed matches of polyphonic patterns in unvoiced polyphonic music*

Christina Anagnostopoulou. *A measure of music complexity for the analysis of improvisation*

Frans Wiering. *My career: a midterm review*

Closing 13:00-13:15