

4th International Conference on Computational and Cognitive Musicology (ICCCM26)



Conference Venue: [Zentrum für Philologie und Digitalität \(ZPD\), Emil-Hilb-Weg 23, 97074 Würzburg](#)
Attendants must register at the Registration Desk and get their badge before attending conference events.

Program Overview

	Mon, 21 September	Tue, 22 September	Wed, 23 September
09:00		Registration Desk Open	Registration Desk Open
09:30	City Tour 1	Oral 3: Music Perception & Cognition	
10:00			Oral 5: Corpora and Archives
10:30		Conference Group Photo	
11:00		Coffee Break	Coffee Break
11:30		Poster Session B	Poster Session D
12:00	Registration Desk Open		
13:00			Closing Remarks
13:15	Opening and Welcome	Lunch Break	End of Conference
13:30	Oral 1: Folk Music Across Cultures	Oral 4: Melody	
14:00			
15:00	Coffee Break	Coffee Break	City Tour 2
15:30	Poster Session A	Poster Session C	
17:00	Oral 2: Harmony and Tonality	Keynote	
18:00	End of Day 1	End of Day 2	
19:00	Jam Session in ZPD	Conference Dinner	

- **Meeting Point City Tours:** [Statue of Julius Echter, Juliuspromenade, 97070 Würzburg](#)
- **Jam Session:** Feel free to bring your instrument; pizza can be ordered for dinner
- **Venue for Conference Dinner:** [Bürgerspital-Weinstuben, Theaterstraße 19, 97070 Würzburg](#)

Monday, September 21, 2026

Opening and Welcome (13:15–13:30)

Fabian C. Moss & Christof Weiß

Folk Music Across Cultures (13:30–15:00)

Session Chair: Christof Weiß

- **Assessing the Archival Readiness of Ghanaian Traditional Music Collections for Computational Ethnomusicology (15+5m)**
Stephen Ayesu (University of Education, Winneba, Ghana)
- **Vocal Cloning as a Method for Cross-Cultural Vocal Timbre Analysis: a Case Study on Finno-Ugric Folk Song (15+5m)**
Lisette Ant (University of Tartu); Anna Aljanaki (University of Music and Performing Arts Graz)

- **Computational Approaches to Cultural Symbolism and National Identity in Traditional Tigrigna Songs of Tigray (15+5m)**
Eyob Musie Demas (Mekelle University)
- **Evolution and Ecology of Irish Folk Tunes (15+5m)**
John McBride (Institute for Basic Science), Tecumseh Fitch (University of Vienna), Amanda LeRoi (Imperial College London)

Coffee Break (15:00–15:30)

Poster Session A (15:30–17:00)

- **ClassicPitch: Robust Audio-to-MIDI Transcription for Musicology**
Yannik Venohr (University of Würzburg); Christof Weiß (University of Würzburg)
- **Automatic Chord Recognition for Western Classical Music**
Yiwei Ding (University of Würzburg); Christof Weiß (University of Würzburg)
- **A Three-Century Distant Listening Study of Chromaticism and Dissonance in Western Music**
Xinyi Guan (EPFL); Johannes Hentschel (Anton Bruckner University); Fabian C. Moss (University of Würzburg); Martin Rohrmeier (EPFL)
- **harMo13 – Computational Analysis of 13th Century Motets**
Robert Eisinger (University of Cologne); Philippa Ovenden (University of Cologne); David Ubber (University of Cologne); Xuhong Qiu (University of Cologne); Frank Hentschel (University of Cologne)
- **A Graph-Theoretic Approach to Automatic Schema Labeling in Symbolic Music**
Marina Borsodi-Benson (EPFL); Martin Rohrmeier (EPFL)
- **Analyzing key changes in three corpora of popular music**
Jenine Brown (Peabody Conservatory of Music of the Johns Hopkins University)
- **CAMAT_v2: Cloud-Based Tools for Symbolic Music Analysis**
Egor Polyakov (HfM Weimar); Martin Pfeleiderer (HfM Weimar)
- **Assessing Rhythm Complexity Measures Using the Item Response Theory**
Annalena Rusch (LORIA); Jonas Bertoli (LORIA); Florence Levé (MIS); Geoffray Bonnin (LORIA); Anicet Bart (Solfy)
- **Is the musical mind full of trees? Probing the validity of hierarchical harmonic sensitivity as an indicator of musical ability**
Evan Hertafeld (University of Amsterdam); John Ashley Burgoyne (University of Amsterdam); Xiaoxuan Wang (EPFL)
- **A Music-based AR game for Upper-Limb Motor Rehabilitation: The Effect of Rhythmic Cues on Engagement and Performance**
Sanne Duinker (Utrecht University); Hanna Hauptmann (Utrecht University); Anja Volk (Utrecht University)
- **A data set for chant generation and analysis**
Geert Maessen (Gregoriana Amsterdam)
- **A Corpus Study of Form and Texture in Cantopop (1975–1999): Evaluating the Influence of Cover Songs**
Jason Yin Hei Lee (McGill University/CIRMMT)
- **Bridging harmonic representations through a multi-modal encoding.**
Patricia Garcia-Iasci (Universidad de Alicante; Universidad de Salamanca); Johannes Hentschel

(Anton Bruckner University); Fabian C. Moss (University of Würzburg); David Rizo (University of Alicante; Instituto Superior de Enseñanzas Artísticas de la Comunidad Valenciana)

- **Identifying Structural Principles across Musical Systems through Generative Modeling**
Christoph Finkensiep (EPFL)
- **Between Graph Semantics and Musicological Intent: Ambiguity in Researcher–Machine Communication over Music Knowledge Graphs**
Polina Proutskova (Industry Commons Foundation); Olga Velichkina (French Society for Ethnomusicology); Harshdeep Singh (Odoma); Matteo Romanello (Odoma)
- **(In)Calculable Humanness in Artificial Music-Making: Unhying AI in Computational Ethnomusicology after the Digital**
Yinuo Chen (King's College London)

Harmony and Tonality (17:00–18:00)

Session Chair: Claire Arthur

- **300 Years of Pitch Content: The Transition from Modality to Tonality 1450–1750 (15+5m)**
Mirjam Visscher (Utrecht University); Peter Van Kranenburg (Utrecht University; Meertens Institute); Frans Wiering (Utrecht University)
- **Compressibility of Chord-Progression Corpora as a Measurement of a Musical Dialect's Harmonic Language (15+5m)**
Noam Rotem (The Open University of Israel); Lior Arbel (Ben Gurion University of the Negev)
- **Harmonic Root Progressions as a Representation of Composition Style and Period (15+5m)**
Uri Rom (Tel Aviv University); Michael Savin (Tel Aviv University); Martin Rohrmeier (EPFL)

Tuesday, September 22, 2026

Music Perception and Cognition (09:30–10:30)

Session Chair: Joshua Albrecht

- **Assessing Musical Expectation in Music-Theoretical and Music-Cognition Corpora: Toward a Memory-Systems Framework (15+5m)**
Rasmus Levin (Norwegian Academy of Music); Ram Reuven (Norwegian Academy of Music)
- **Do audio features of popular music mirror lyrical trends in stress, valence, and complexity over five decades? (15+5m)**
Markus Foramitti (University of Vienna); Christoph Reuter (University of Vienna); Mauricio Martins (University of Vienna); Tudor Popescu (University of Vienna)
- **Does Social Function Shape Musical Form? Motif Repetition and Social Function in Korean Folk Songs (15+5m)**
Danbinaerin Han (KAIST); Dasaem Jeong (Sogang University); Juhan Nam (KAIST)

Conference Group Photo (10:30–11:00)

Coffee Break (11:00–11:30)

Poster Session B (11:30–13:00)

- **Discussing Representation Challenges for Orchestral AMT Using the Beethoven Symphonies Excerpt Dataset**
Hans-Ulrich Berendes (International Audio Laboratories Erlangen); Abhirup Saha (International Audio Laboratories Erlangen); Ben Maman (International Audio Laboratories Erlangen); Vlora Arifi-Müller (International Audio Laboratories Erlangen); Meinard Müller (International Audio Laboratories Erlangen)
- **Human vs AI in Symbolic Music: An Online Listening Study on Bach-Style Chorales**
Jason Ackermann (University of Würzburg); Ricarda Ernsperger (University of Würzburg); Fabian C. Moss (University of Würzburg)
- **Conceptualizing structural repetition in tonal music**
Zeng Ren (EPFL) Xinyi Guan (EPFL) Martin Rohrmeier (EPFL)
- **Compression-Based Modeling of Similarity in Jazz Harmony**
Xinyi Guan (EPFL); Edward Hall (EPFL); Zeng Ren (EPFL); Marina Borsodi-Benson (EPFL); Claire Pelofi (NYU); Martin Rohrmeier (EPFL)
- **Evaluating Mozart's K. 331: A Computational Stylometric Approach to the Chronological Controversy**
Zhenyu Jiang (The Chinese University of Hong Kong, Shenzhen)
- **Extracting Beats and Downbeats from Classical Music Audio: Investigating State-of-the-Art Methods**
Lele Liu (University of Würzburg); Christof Weiß (University of Würzburg)
- **Tonal organization in monophonic jazz solos: Putting Chord Scale Theory to the test**
Klaus Frieler (Max Planck Institute for Empirical Aesthetics, Frankfurt/Main); Tim Eipert (Universität Würzburg); Fabian C. Moss (Julius-Maximilians-Universität Würzburg)
- **Folk Singing, Local Accent, and Generational Change in Jiuzhaigou**
Xuhong Qiu (University of Cologne); Emilia Parada-Cabaleiro (Nuremberg University of Music)
- **Comparing harmony across diverse datasets: characteristic cadences in Brazilian choro, jazz, popular and Western classical music**
Mauro Orsini Windholz (University of Würzburg); David Sears (University of Michigan); Fabian C. Moss (University of Würzburg)
- **Corpus Homogeneity and Musical Change over a century of folk song collection in Ukrainian Folk Song**
Anna Aljanaki (University of Music and Performing Arts Graz); Inna Lisniak (Estonian Literary Museum); Liudmyla Efremova (Institute of Art Studies, Folkloristics and Ethnology of the National Academy of Sciences)
- **Genre in a Phrase: Identifying the Formulaic Expressions That Distinguish German Popular Music Genres**
Markus Radke (Technische Universität Berlin); Steffen Lepa (Technische Universität Berlin)
- **From Display to Instrument: An Experimental VR Reconstruction of the Golden Lyre of Ur**
Yaozhong Zhang (University of Würzburg); Dahlia Shehata (University of Würzburg); Christof Weiß (University of Würzburg); Sebastian von Mammen (University of Wuerzburg)
- **Evaluating the variety of harmonic qualia in transformer-based artificially generated music**
Gabriele Cecchetti (The MARCS Institute for Brain, Behaviour and Development); Roger T. Dean (The MARCS Institute for Brain, Behaviour and Development, Western Sydney University)
- **Folk music lyrics transcend typological boundaries cross-culturally (but it may also be the typologies' fault)**
Anna Dvořáková (Charles University); Jan Hajič, jr. (Charles University)

- **GRAP: A Greek Rap Dataset Towards Benchmarking Cross-Cultural Rap Analysis**
Polyxeni Pouliou (Universitat Pompeu Fabra); Siddharth Saxena (Universitat Pompeu Fabra)
- **Creation and Analysis of a Multimodal Film Music Dataset**
Farshad Jafari (University of Cambridge); Claire Arthur (Georgia Institute of Technology)
- **From Harmonic Grammar to Traceable Reharmonisation: A Rule-Based Framework for Jazz Harmony**
George Konstandelakis (National and Kapodistrian University of Athens); Xristina Anagnostopoulou (National and Kapodistrian University of Athens)

Melody (14:00–15:00)

Session Chair: Lele Liu

- **Modeling Gregorian melodic diversity with biogeography and comparative phylogenetics** (15+5m)
Andres Puente (Pontifical Xavierian University); Jan Hajič, jr. (Charles University); Gustavo Ballen (Universidade Estadual Paulista)
- **VocalNotes: Cross-Cultural Perspectives on Musical Note Perception Through Comparative Transcription** (15+5m)
Polina Proutskova (Queen Mary University of London); Gakuto Chiba (Keio University); Miranda Crowdus (Concordia University); Yulia Nikolaenko (Independent Researcher); Yuto Ozaki (Keio University); Lawrence Shuster (Cornell University); Olga Velichkina (French Society for Ethnomusicology); Zhaoxin Yu (Shandong University of Arts); Wey Yue (Shandong University of Arts); Yukun Li (Queen Mary University Of London); Andrew Killick (University of Sheffield); John McBride (Institute for Basic Science); Elizabeth Phillips (McMaster University); Patrick Savage (Keio University)
- **Stuck in the Loop: A Computational Evaluation of Self-Cueing Mechanisms in an Earworm Corpus** (15+5m)
Claire Arthur (Georgia Institute of Technology)

Coffee Break (15:00–15:30)

Poster Session C (15:30–17:00)

- **Style Analysis of Western Classical Music Recordings with Robust Pitch-Class Features**
Benjamin Henzel (University of Würzburg); Christof Weiß (University of Würzburg)
- **Reconstructing 13th-Century Motets: A Comparative Study of Rule-Based and Deep Learning Models**
Xuhong Qiu (University of Cologne); Emilia Parada-Cabaleiro (Nuremberg University of Music); Frank Hentschel (University of Cologne)
- **Mixing Real and Synthetic Data for Handwritten Optical Music Recognition: Domain Adaptation on Debussy Manuscripts**
Hugo Scheithauer (INRIA); Thibault Clérice (INRIA); Gonzalo Romero-García (EPITA)
- **Mining Contrast Patterns in the Jazz Guitar Improvisations: Comparing Pat Metheny with Five Post-bop Guitarists**
Arne Eigenfeldt (Simon Fraser University); Darrell Conklin (UPV/EHU)

- **Musical Enculturation and Emotional Perception: Cross-Cultural Responses to Heptatonic and Pentatonic Melodies**
Ryan Lu (Trinity School)
- **Why Random Music Works: A Pitch-Class Space Account of Coherence in Mozart's Musikalisches Würfelspiel**
Benjamin Oh (Lynbrook High School); Hee Yun Kim (Threaded Resonances)
- **Modelling perceived tension using hierarchical harmonic structure**
Edward Hall (EPFL); Martin Rohrmeier (EPFL)
- **Musical Form as a Projection of Drama: Parameter Progressions in the Wanderer–Mime Scene from Wagner's Ring**
Pascal Schmolenzky (International Audio Laboratories, Erlangen); Rainer Kleinertz (Hochschule für Musik Saar); Stephanie Klauk (Institut für Musikwissenschaft, Saarland University); Meinard Müller (International Audio Laboratories Erlangen); Christof Weiß (University of Würzburg)
- **Music Score Comparison based on a Tree-structured Intermediate Representation**
Florent Jacquemard (INRIA); Xiaobo WANG (INaLCO)
- **Just Intonation in Tonal Thought: Towards an Algorithmic Corpus Study**
Jan-Martin Gebert (Columbia University)
- **R3MO: A Multi-modal Dataset for Emotion Analysis in Orchestral Music**
Joann Ching (Johannes Kepler University Linz); Carlos Eduardo Cancino-Chacón (Johannes Kepler University Linz); Gerhard Widmer (Johannes Kepler University Linz)
- **Preserving Present-Day Basso Continuo Performance through Computational Musicology**
Adam Štefunko (Charles University); Jan Hajič, jr. (Charles University)
- **Is plosive to nasal ratio in poetry correlated with affect? The Tasso in Music corpus problematizes claims of poetic universals**
Joshua Albrecht (The University of Iowa)
- **Spectral Influence on Emotional Affect in Music Listening: An Empirical Study of Frequency Balance and Perceived Mood**
Sravan Palla (ICFAI); Kamalakar Karlapalem (IIIT Hyderabad)
- **A schema-aligned ontology and automatic lifting methodology for representing MEI as granular linked data: benchmarking SPARQL responsiveness in real-time MIR tasks**
Joshua Stutter (Newcastle University)
- **Choral meets Machine Learning: AI Gregorian Chant with the Regensburger Domspatzen**
Andreas Haberl (Regensburger Domspatzen); Benedikt Dolderer (Regensburger Domspatzen)

Keynote (17:00–18:00)

Session Chair: Fabian C. Moss

- **Music Composition as Critical Data Practice**
Artemi-Maria Gioti (Mozarteum Salzburg)

Wednesday, September 23, 2026

Corpora and Archives (10:00–11:00)

Session Chair: Johannes Hentschel

- **Performers in Context: A New Multimodal Dataset for Computational and Cognitive Studies of Organists' Interpretations** (15+5m)
Katelyn Emerson (University of Cambridge); Peter Harrison (University of Cambridge)
- **A Multivalent Corpus Study of Nineteenth-Century String Quartet Expositions** (15+5m)
Maik Köster (Anton Bruckner University); Markus Neuwirth (Anton Bruckner University)
- **Wind Music as a Research Scenario for MIR and Computational Musicology** (15+5m)
Stefan Balke (International Audio Laboratories Erlangen); Manuel Peters (International Audio Laboratories Erlangen); Meinard Müller (International Audio Laboratories Erlangen)

Coffee Break (11:00–11:30)

Poster Session D (11:30–13:00)

- **Vibrato as Rhythmic Subdivision: Cross-Genre Evidence for Vibrato-Tempo Coupling**
Michael Van Bebber (Independent Researcher)
- **The Interactive Drunken Sailor: Exploring Interactive Visualisations of Variants in Digital Music Editions**
Anna Plaksin (Universität Paderborn); Tobias Bachmann (Paderborn University); Adrian Nachtwey (Universität Paderborn)
- **Time to Align! Workflows, Applications, and Exchange Format for a Model of Musical Timelines**
Davide Andrea Mauro (Paderborn University); Axel Berndt (Paderborn University); Carlos Cancino-Chacón (Johannes Kepler University Linz); Simon Dixon (Queen Mary University of London); Anne Foo (Independent Researcher); Mark Gotham (King's College London); Johannes Hentschel (Anton Bruckner University); Patricia Hu (Johannes Kepler University Linz); Maik Köster (Anton Bruckner University); Felipe D. Martins (Anton Bruckner University); Meinard Müller (International Audio Laboratories Erlangen); Markus Neuwirth (Anton Bruckner University); Alexander Pacha (TU Wien); Kevin Page (University of Oxford); Silvan Peter (Johannes Kepler University Linz); Egor Polyakov (HMT Leipzig); Laurent Pugin (RISM); David Weigl (University of Music and Performing Arts Vienna); Christof Weiß (University of Würzburg); Gerhard Widmer (Johannes Kepler University Linz)
- **Symbolic music calculation beyond 12-ET with xenharmlib**
Fabian Vallon (Independent Researcher)
- **Tuning Into Generation Z: A Value-Sensitive Design Approach to Redesigning Muziekweb, a Digital Music Archive, Supporting Engagement with Music Across Time, Space, and Cultures**
Shivani Aggarwal (Utrecht University); Karlijn Dinnissen (Utrecht University); Hanna Hauptmann (Utrecht University); Anja Volk (Utrecht University)
- **Task-Oriented Evaluation for Automated Music Simplification**
Andrew McLeod (Fraunhofer IDMT); Hanna Lukashevich (Fraunhofer IDMT); Jakob Abeßer (University of Bamberg)
- **Rhyme, more pervasively than harmony, drives perception of closure in sung poems: an exploration of the interaction between phonological and tonal hierarchy in sung music**
Juan Felipe Pérez Ariza (University of Vienna); Tudor Popescu (University of Vienna)
- **Towards a Corpus of Kurdish Folk Music**
Ameer Majeed (Charles University); Jan Hajič, jr. (Charles University)

- **The Evolution of Hip Hop: Variation in flow triggered by environmental change**
Emery Thul (Princeton University); Asif Ghazanfar (Princeton University)
- **Reconstructing the Historical Ontology of a Popular Music World: A Multi-Agent LLM Pipeline Applied to an Oral History Archive from Postwar Taiwan**
Ming Cheng (Academia Sinica); Yun-En Tsai (Academia Sinica); Li Su (Academia Sinica)
- **Uncovering the Evolution of Music: A Segmentation and Representation Learning Framework for Cross-Composer Analysis of Musical Structure**
Benjamin Oh (Lynbrook High School); Benjamin Zhang (Lynbrook High School)
- **Effects of Metrical Granularity on Adaptation to Tempo Change**
Joris Monnet (EPFL); Xiaoxuan Wang (EPFL); Martin Rohrmeier (EPFL)
- **Symbolic transformer models for distinguishing between earlier and later styles of solo piano music of three Romantic composers**
Ruach Jacobsohn (University of Pretoria); Jan Pieter Jacobs (University of Pretoria)
- **Perceived Harmonic Tension in Jazz: Tonal Geometry versus Learned Surprisal**
Léo Bruneau (EPFL); Loïc Domingos (EPFL); Xiaoxuan Wang (EPFL); Edward Hall (EPFL); Martin Rohrmeier (EPFL)
- **The Interactivity Gap: Deep Representations vs. Acoustic Features in Neurodivergent Musicing**
Frederico Pedrosa (Universidade Federal de Minas Gerais); Marina Freire (Universidade Federal de Minas Gerais); Aline André (Universidade Federal de Minas Gerais)
- **Tracing the evolution of Ragas over time through phrase prevalence analysis**
Subashri V (TIFR Centre for Interdisciplinary Sciences, Hyderabad); Thomas Nuttall (Universitat Pompeu Fabra, Barcelona)
- **A Wrong Chord or a Cool Chord? Information Theory May Predict Musical Surprise but Not Necessarily Pleasantness**
Ling Qi (Georgia Tech University); Claire Arthur (Georgia Tech University)

Closing (13:00–13:15)

Fabian C. Moss & Christof Weiß