

**Session Program**

23-26 Jun 2026

**Mathematics and Computation in Music 2026  
(MCM 2026)**

***Applications of Mathematics to Music Theory  
Analysis of Composers and Styles***

Bard College, Annandale-on-Hudson, New York, USA

## Tuesday 23 June

14:00

### Applications of Mathematics to Music Theory Analysis of Composers and Styles: Part 1

**Session** | **Location:** Olin Concert Hall in Franklin W. Olin Humanities Building

**14:00-14:25** **On Interval Permutations: Formalization and Analytical Examples**

**Speaker**

Xiao Dai

**14:35-15:00**

**Note Spelling Without Scales in Morton Feldman's String Quartet No. 2**

**Speaker**

Noah Kahrs

**15:05-15:15** **Break**

**15:20-15:45** **Persistent Homology on Pointed Chord Spaces**

**Speaker**

Alessandro Casali

**15:55-16:20**

**Modeling End-Weighted and Goal-Directed Conceptions in Gamelan Gong Kebyar**

**Speaker**

Qiuwan Zhao

16:25

## Thursday 25 June

12:20

### Applications of Mathematics to Music Theory Analysis of Composers and Styles: Part 2

Session | Location: Olin Concert Hall in Franklin W. Olin Humanities Building

12:20-12:45

#### Quantifying Costere's Polarization of Pitch-Class Collections via Jensen-Shannon Divergence

Speaker

Fernando Gualda

12:50