

Session Program

23-26 Jun 2026

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

Quantum Theory and Music

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

Thursday 25 June

14:00

Quantum Theory and Music

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

14:00-14:25 **Entropy of Quantum Farey Tunings**

Speaker

Franck Jedrzejewski

14:35-15:00 **Entangled Function Leading**

Speaker

Thomas Noll

15:10-15:35

Density Matrix RNN (DM-RNN): A Quantum Information Theoretic Framework for Modeling Musical Context and Polyphony

Speaker

Joonwon Seo

15:40