



# Music meets Abstract Mathematics

**NITheCS**  
National Institute for  
Theoretical and Computational Sciences

---

## YOU ARE INVITED TO ATTEND THIS LUNCH HOUR PRESENTATION

Thursday, 27 July 2023 | 13h00

Jannasch Hall, Stellenbosch University Conservatorium (*in person attendance only*)

The session draws an analogy between the hierarchical structure of musical form and the structure of a logical argument in abstract mathematics. It is based on a new methodology for producing a grouping structure of musical form, that can be applied to any genre of music.

The methodology is being developed as a project in NITheCS' Mathematical Structures Research Programme, led by Professor of Mathematics Zurab Janelidze and Emeritus Professor of Music Hans Roosenschoon, in collaboration with part-time mathematics education lecturer in the Faculty of Education Bethany Robinson, and postgraduate student in Physics Gerhard Woithe, all from Stellenbosch University.

All are welcome to attend. The session will interest enthusiasts of mathematics and music, and particularly students studying music theory, composition and abstract mathematics.

**ENTRY: FREE**