

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, March 17

2:00 – 3:00 PM

Maria Sanford, Room 101

FROM MOZART TO MARKOV

ELIANE ABERDAM

UNIVERSITY OF RHODE ISLAND

ABSTRACT

I will present a few topics concerning the links between mathematics and music from a musician's standpoint. One of the well-known problems dating from the time of Pythagoras is that of tuning a scale. Secondly, I would like to touch upon the aesthetical values of the Fibonacci series and Golden means in music. A third theme I will explore is the more recent phenomenon of algorithmic composition. The exploitation of Markov chain is an interesting example for random music generation in a given style.

AFTERMATH:

**Refreshments will follow the colloquium at Castaneda's
(1590 Stanley St. – across from the administration building)**

For further information:

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