

One is One and All Alone: Solo Music by Bach at the Mathematical Sciences Research Institute

Reception at 5:30, concert at 6:00. Symposium on "Bach, Mathematics, Art and Music," with Davitt Moroney, Simons Auditorium, 17 Gauss Way, Berkeley, California. I. September 13: selections from "The Art of Fugue." Davitt Moroney, harpsichord. Reception at 5:30, concert at 6:00. Symposium on "Bach, Mathematics, Art and Music," with Davitt Moroney, Simons Auditorium, 17 Gauss Way, Berkeley, California. II. October 23 at 5:30: "Sonatas and Partitas." Elizabeth Blumenstock, baroque violin. III. January 18 at 5:30: "Suites." Tanya Tomkins, baroque cello. Admission is free.



The scientific connection between mathematics and music extends from the Greek discovery of the relation between harmony and proportion to modern uses of advanced mathematical methods in music synthesizers. The aesthetic connections are also important for many mathematicians. As mathematician and violinist Michael Artin says, "The connection between mathematics and music? They are the same thing!" Many of the 1,500 mathematical scientists who pass through MSRI each year are musicians, and many more appreciate music deeply. We invite the public to share our pleasure!

Etching Aquant by Elizabeth Harrington (1999) from the series "The Autographed Version of Johann Sebastian Bach: The Art of Fugue."