

ISE599: Engineering Methods for Music Perception and Cognition
Guest Lecture



Do we hear what we see; do we see what we say?

Jeanne Bamberger

Professor of Music and Urban Education
Massachusetts Institute of Technology

Wed March 26, 6:30-9:20pm in PHE223

Host: Elaine Chew • Assistant Professor • DJE Dept of Industrial and Systems Engineering • GER 245

Jeanne (Shapiro) Bamberger studied with Artur Schnabel while a student at Columbia University. After concertizing in Europe and following studies with Olivier Messiaen on a Fulbright fellowship, she returned to graduate studies with Roger Sessions at UC Berkeley. She received her degrees in philosophy and music theory.

Jeanne's academic career, which incidentally began at USC, has taken her progressively eastward (□ University of Chicago □ Massachusetts Institute of Technology) and covers a wide spectrum from musicology to music theory to artificial intelligence to urban education. Jeanne Bamberger is currently Professor of Music at the Massachusetts Institute of Technology where she teaches music theory and music cognition. Her interests include learning and the development of music cognition in both children and adults.

She lectures widely and has presented talks at the Piaget Society in Philadelphia, the Smithsonian's Lemelson Center, the New England Conservatory and MIT's Media Lab Europe. She is an active participant in outreach activities such as the Fourth World Movement and is a consultant to sound and music exhibits at the San Francisco Exploratorium. Her most recent books include "*The mind behind the musical ear*" and "*Developing musical intuitions: A project based introduction to making and understanding music*". More at <http://web.mit.edu/jbamb>.