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Special Guest Lectures

Computer Music Composition and Interactive Art

David Psenicka, Post-doctoral Researcher, Center for Computation & Technology

Johnston Hall 338
October 01, 2007 - 10:00 am

Abstract:
David Psenicka, new post-doctoral researcher in the Human and Social World area, will introduce himself and present his work in the areas of computer-assisted music composition, interactive art, acoustics and automatic music notation.

Speaker's Bio:
David Psenicka has received bachelors degrees in music and electrical engineering at Ohio University. He has received a masters degree in music composition at the University of Illinois and is now working towards completion of his doctoral degree in composition. He writes acoustic and electro-acoustic music written using algorithmic processes using ideas from nonlinear dynamical systems and artificial intelligence. He is the author of several software packages including SPORCH, a program that derives harmonies and orchestrations of acoustic instruments based on recorded sound sources, and FOMUS, a Lisp-based music formatting program for parsing raw musical data into readable notation. He is also active as a performer of new music and was the winner of the 2004 "21st Century Piano Commission Competition" as both pianist and composer. A concert recital featuring his music was recently performed by him at the Krannert Center for the Performing Arts in Urbana, Illinois. He was a guest artist at ZKM's Institute for Music and Acoustics during the summer of 2007 where he premiered Epigenesis, an audio/video art installation that actively attempts to keep visitors interacting with it.

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