

# EABD 2015

Presentation 2, ITCC 329  
October 2nd, 7:30pm



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## **Perform.sc: A Generalized Performance Environment presented by Eli Fieldsteel**

### **Abstract:**

Modularity and reusability are highly valuable features of electroacoustic music performance software; in the long term, it is more time-efficient for the composer to design a generalized template, rather than building an entirely new interface for each composition. Perform.sc is a SuperCollider-based performance template that serves as an empty shell for the presentation of an arbitrary electroacoustic work. The template provides the essential framework, and only requires the composer to supply the piece-specific behavior as executable SuperCollider code. Although the software is still undergoing various developments, Perform.sc has enabled multiple performers to successfully present works by multiple composers, often without the composer being present. This lecture/demonstration will highlight the reusability of Perform.sc through a presentation of several implementations, ranging from a minimal performance mockup to a fully developed composition.

### **Presenter Bio:**

Eli Fieldsteel is the recipient of the 2014 James E. Croft Grant for Young and Emerging Wind Band Composers, first prize in the 2012 ASCAP/SEAMUS Student Commission Competition, as well as awards and recognition from other organizations, including the Bandmasters' Academic Society of Japan and the Frank Ticheli Competition. Eli's music reflects an ongoing interest in the intersection between music technology and contemporary instrumental practice, covering topics such as human-computer improvisation, interactivity, and indeterminacy. An active collaborator, he has worked with choreographers, lighting designers, video artists, and architects. Eli received his doctorate from The University of Texas in 2015.