

Composing with blue

The blue music composition environment offers many tools for the composer using Csound. From working with low-level Csound code to using higher level abstractions such as a timeline, mixer, and graphical user interfaces for instruments and effects, users are free to work with the tools that best fit the music within their imagination. This workshop will introduce participants to composing with blue. Exploring together, the goal of the workshop will be to give participants a firm understanding of blue's design and features.

Topics to be covered include:

Part I

- * Introduction to the Software Environment
- * Understanding blue's Design and Connection to Csound
- * Encapsulated Instruments for Easy Reuse
- * Graphical Instrument Design with BlueSynthBuilder
- * blueLive: Sketching Music and Using MIDI Input

Part II

- * The Score Timeline: SoundObjects and NoteProcessors
- * Mixer, Effects, and Automation
- * blueShare: Online Sharing for Instruments and Effects
- * Other features and advanced topics

A set of example projects will be used to guide the participants through the workshop. Attendees are expected to have a basic knowledge of Csound and bring with them laptops to use for the workshop.