

Chapter 21. Meeting 21, Practices: Novel and Custom Interfaces

21.1. Announcements

- Concert on Wednesday May 4
- Final Instrument 2 reports are due on 9 May
- Final Instrument 2 presentations are on 9 and 11 May
- Full rehearsal on Monday May 2

21.2. Reading: Weinberg, Playpens, Fireflies, and Squeezables

- Weinberg, G. 2002. “Playpens, Fireflies, and Squeezables: New Musical Instruments for Bridging the Thoughtful and the Joyful.” *Leonardo Music Journal* 12: pp. 43-51.
- Video of beatbugs performance:

link (http://web.media.mit.edu/~roberto/beatbug/beatbug_video/Glasgow%20-%20Concert.mov)
- What motivates Weinberg’s new instruments? Are his assumptions about “high art” and novices well founded?
- Why does Weinberg think that his instruments may offer useful approaches for early music education? Do his instruments achieve his goals?
- What is the interface and mapping of the Musical Playpen?
- What is the interface and mapping of the Musical Fireflies?
- What is the interface and mapping of the Squeezables?

link (<http://xenia.media.mit.edu/~gan/Gan/Education/MIT/MediaLab/Research/Squeezables>)

21.3. Reading: Collins, Handmade Electronic Music

- Collins, N. 2009. *Handmade Electronic Music: The Art of Hardware Hacking*. 2nd ed. New York: Routledge.
- “If there is any identifying trait, it is the desire to disrupt technology’s seemingly perfect inviolability”

21.4. Work II

- Load: arizaWork02-performance*.test.pd
martingale/comopositions/arixaWork02/arizaWork02-performance*.test.pd
- Focus on texture and heterophony

21.5. Work III

- Load: arizaWork03-performance*.test.pd
martingale/comopositions/arixaWork03/arizaWork03-performance*.test.pd
- Focus on timing and space

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21M.380 Music and Technology: Live Electronics Performance Practices
Spring 2011

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