Active Music through Extreme Media

Tod Machover
MIT Media Lab
Hyperinstruments Group
Music is all around us........
Music is all around us

but.........
Music is all around us

but

......no one is listening !!!
Active Music

• Augmented Experts

• Participatory Audiences

• Creative Kids
Hyperinstruments
Augmented expression for experts

Yo-Yo Ma
Hypercello
Brain Opera
Expression for everyone
Harmonix: *Amplitude* (MIT spinoff)
Market for Musical Games
Golan Levin: *Dialtones* (MIT grad)
Cell phones for group creativity!
Toy Symphony

• Radical new way to introduce children to musical expression and creativity
• Collaboration across distance and across generations
Toy Symphony

- Music Shapers
  Mold, modify, touch

Hugo Solis

Natasha Sinha
Toy Symphony

- **Beatbugs**
  Rhythmic play in groups

*Gili Weinberg & Rob Aimi*
Toy Symphony

- Hyperscore
  Compose through line and color

Egon Pasztor
&
Mary Farbood
Toy Symphony

- Hyperscore
  Kids’ pieces played by pro orchestras
More info

• MIT Media Lab Hyperinstruments Group
  http://www.media.mit.edu/hyperins

• Harmonix
  http://www.harmonixmusic.com

• Golan Levin: Dialtones
  http://www.flong.com/telesymphony/index.html

• Toy Symphony
  http://www.toysymphony.net

• Toy Symphony in Boston & New York
  http://www.media.mit.edu/hyperins/ToySymphony/schedule.html

• Tod Machover
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