Music | MACHINES

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All events take place on the 6th Floor of the MIT Medi▮▮▮

Discussions/presentations/panels (9:00am – 5:00 pm)

All panelists/speakers are either MIT faculty or current/former students at MIT.

9:00-9:45a	**Keynote: Music Technology and MIT** Max Mathews ("Father of Computer Music")
9:45–10:30a	**The Dawn of Digital Music at MIT in the 1960s** Prof. Joe Paradiso, moderator; Pet▮▮▮son, Wayne Slawson, Chris Strangio
10:30-11:00a	**Coffee Break**
11:00-11:45a	**The MIT Experimental Music Studio and Live Computer Performance** Barry Vercoe (MIT) and Miller Puckette (UCSD, inventor of MAX/MSP, pd, etc.)
11:45-12:30▮	**▮▮pera, Collaboration, and (Sometimes) Serendipity** Prof. Tod Machover and team from *Death and the Powers*, including Ben Bloomberg, Peter Torpey and Elly Jessop
12:30-1:00p	***The Manual Input Sessions*** Perfor▮▮ce by Go▮▮▮vin
1:00-2:00p	**Lunch Break**
2:00-2:45p	**Music, Mind and Meaning** Prof. Marvin Minsky, in "musical" conversation with Teresa Marrin, Mary Farbood and Mike Hawley
3:00-3:45p	**Music, Emotion and Health** Prof. Tod Machover, moderator; Robert Rowe (NYU), Mary Farbood (NYU), A▮▮ Boulanger (MIT Medi▮▮▮Gottfried Schlaug (Harvard Medical School)
4:00-4:45p	**From Prototypes to the Populace: MIT spinoffs in music and technology** Scott Kirsner, *Boston Globe*, moderator; Eran Egozy (co-founder of ▮▮▮onix and co-inventor of *Guitar Hero*), Brian Whit▮▮▮cho Nest), Mark Ethier (iZoto▮▮▮

Informal demos, installations, performances (6:00 – 8:00 pm)

• Andrew McPherson (Drexel University) – Magnetic Resonator Piano [in E15 Lo▮▮▮vel Atrium]
• Joe Paradiso (MIT Medi▮▮▮Mammoth Modular Synthesizer
• Minsky MUSE Synthesizer (only worki▮▮odel of 1960s automated composition generati▮▮▮chi▮▮
• Rob Morris (MIT Medi▮▮▮iPhone Guitar
▮▮▮onix – Rock Band 3 with new Fender Squier and Mustang Guitar Controllers
• Miller Puckette (UCSD▮▮test and greatest MAX/MSP and pd extensions/▮▮os
• A▮▮oulanger (MIT Medi▮▮▮Musical Early Detection System for Alzhei▮▮s disease
• Echo Nest▮▮o
• iZoto▮▮▮o
• Sourceto▮▮▮o

Concert (8:00 – 10:30 pm)

• Barry Vercoe – *Synapse (1976)* for amplified viola and prerecorded electronics
• Richard Boulanger/Vercoe – *Synaptogenesis* (*Synapse* remix, 2011) for live electronics
• ▮▮ril Makan – *Zones d'Accord (2002)* for cello solo (acoustic although based on electronics)
• Peter Whinco▮▮ew Work (2011)* for live electronics
• Evan Ziporyn – *Belle Labs (2006)* for violin, bass clarinet and Heliphon (fro▮▮semble Robot)
• Robert Ro▮▮▮igar Smoke (2004)* for clarinet and interactive electronics
• Mary Farboo▮▮ew Work (2011)* for piano, composed with Hyperscore software
• Tod Machover – *Spheres and Splinters (2010)* for hypercello and interactive visuals

For further information, please contact Simone Ovsey, Associate Producer, *FAST Festival*
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