



Live Algorithms for Music research network

funded by  EPSRC
Engineering and Physical Sciences
Research Council

Towards: An artificial and autonomous musical collaborator. The machine will interact creatively with musicians in real-time, and in any context. It will have fascinating artistic potential, and could form the basis of the next generation of computer music application.

Explorations: Novel patterning algorithms from evolutionary computation, A-Life, swarm intelligence, chaos, dynamic networks, cellular automata, neural networks and machine consciousness; real-time music informatics; models of creative interactivity and improvisation; musician-computer interface; performativity.

Programme (lectures and workshops free of charge)

Monday 13th Dec

14.00 - 17.00, Lecture Theatre 137 - Goldsmiths College, London

Registration 1.30

Tim Blackwell, Michael Young (Goldsmiths) *Overview of LAM*

Eduardo Miranda (Future Music Lab, Plymouth University) *Plymouth Music as Emergent Behaviour*

Pedro Rebelo (SARC, Belfast) *Sonic Arts at Belfast*

MARCEL broadcast with **Robert Rowe, Miller Puckette** (tbc)

(US) and UK panel: (chair) Michael Casey

Tuesday 14th Dec

09.30 – 12.30, Workshops - room 268

13.30 – 15.30, Lecture Theatre 137 - Goldsmiths College, London

Geraint Wiggins (Goldsmiths) *Computational Creativity*

Juan Bello (Centre for Digital Music, Queen Mary London)

Norbert Schnell (IRCAM, France)

Jonathan Impett, John Bowers (Acoustic Studios, UEA)

Michael Young, Chris Redgate (Electronic Music Studios, Goldsmiths)

Forum 16.00 – 17.30

19.30 Concert, Great Hall - Goldsmiths College, London

Improvisations and compositions from Paul Archbold, John Bowers, Jonathan Impett, Sebastian Lexer, Neil Hyde, Eduardo Miranda, Chris Redgate, Roger Redgate, The Swarm Granulator, John Tilbury, Michael Young, and their machines

(5.00, free conchs)