

The 21st CREST Open Workshop

Computer-Human Interactive Performance Symposium (CHIPS)

7 - 8 June 2012

Engineering Front Executive Suite, Roberts Building, UCL

Programme

+++++++7 June 2012 – DAY 1+++++++

09:30 *Arrival and Refreshments*

10:00 **Introductory Remarks**

Nicolas Gold, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

10:15 **Session 1 - Chair: Nicolas Gold, CREST Centre, SSE Group, Department of Computer Science, UCL, UK**

Human-Computer Music Performance: A Report from the Field (*keynote address*)

Roger B. Dannenberg, Schools of Computer Science and Art, Carnegie-Mellon University, USA

11:30 *Refreshments*

12:00 **Session 2 - Chair: Mark d'Inverno, Department of Computing, Goldsmiths, University of London, UK**

Supporting social music-making

Steve Benford, School of Computer Science, University of Nottingham, UK

Hearings Revealed in Performances: Mapping Aural Phenomena to Meanings Found

Elaine Chew, Centre for Digital Music, Queen Mary University of London, UK

13:00 **Discussion**

13:15 *Sandwich lunch at the venue*

14:30 **Session 3 - Chair: Geraint Wiggins, Centre for Digital Music, Queen Mary University of London, UK**

Las Vegas, Cirque du Soleil, and Live-Virtual Soundscapes

Lynda Paul, Department of Music, Yale University, USA

Electronic augmentation of acoustic musical instruments

Andrew McPherson, Centre for Digital Music, Queen Mary University of London, UK

15:30 **Discussion**

16:00 *Refreshments*

16:45 **Session 4 - Chair: Chris Branton, Centre for Computation & Technology, Louisiana State University, USA**

On the use of real-time musical audio analysis techniques in live performance

Adam Stark, Centre for Digital Music, Queen Mary University of London, UK

Interactive Rock 'n Roll, from Bjork to Linkin Park

Atau Tanaka, Department of Computing, Goldsmiths, University of London, UK

17:45 **Discussion**

18:30 **Close**

18:45 *Light dinner at the Marlborough Arms*

+++++++8 June 2012 – Day 2+++++++

09:30 *Arrival and Refreshments*

10:00 **Session 5 - Chair: Lynda Paul, Department of Music, Yale University, USA**

Creativity, Constraints and Composition

Mark d'Inverno, Department of Computing, Goldsmiths, University of London, UK

10:30 **The Art and Science of Musical Synchrony**

Arshia Cont, Department for Research/Creativity interfaces, Ircam - Centre Pompidou, Paris, France

11:00 **Discussion**

11:15 *Refreshments*

11:45 **Session 6 - Chair: Andrew McPherson, Centre for Digital Music, Queen Mary University of London, UK**

A hypothetical model of spontaneous creativity in improvisation

Geraint Wiggins, Centre for Digital Music, Queen Mary University of London, UK

12:15 **Music Performance as a Service**

Chris Branton, Centre for Computation & Technology, Louisiana State University, USA

12:45 **Discussion**

13:15 *Sandwich lunch at the venue*

14:30 **Session 7 - Chair: Elaine Chew, Centre for Digital Music, Queen Mary University of London, UK**

Interactive Performance Systems for rock music

Andrew Robertson, Centre for Digital Music, Queen Mary University of London, UK

15:00 **tbc**

Tim Blackwell, Department of Computing, Goldsmiths, University of London, UK

15:30 **Discussion**

16:15 **Closing Remarks**

Nicolas Gold, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:30 *Close and Refreshments*

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