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
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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