



Sound and Music Computing Sweden 2012 - <http://smcsweden.se>

Tisdag, 3 April 2012

WORKSHOP

- 10:00 - Rörelseanalys och tillämpningar av motion capture-system
12:00 *Roberto Bresin, Simon Alexanderson, Kjetil F Hansen, Gerhard Eckel m.fl.*

KONFERENS

- 13:00 **Registrering**
14:00 **Välkomsthälsningar**

Paper Session 1

chair: Anders Askenfelt

- 14:15 Musicking Tangibles for Empowerment
Birgitta Cappelen and Anders-Petter Andersson
- 14:30 Audiovisual looping
Hållbus Totte Mattsson
- 14:45 Teenage Engineering: Company Presentation, <http://www.teenageengineering.com/>
Jon Jönsson and Tobias von Hofsten
- 15:00 **Coffee break som leder till...**

Demo och Poster Sessions 1

- 15:00 **Demo**
Teenage Engineering: OP-1 Hands-on Demo
Jon Jönsson and Tobias von Hofsten
- 15:00 **Posters:** Se posterlista nedan

Paper Session 2

chair: Anders Friberg

- 15:45 Sound for enhanced experiences in mobile applications
Mats Liljedahl and Katarina Delsing
- 16:00 Designing auditory displays for visually dominant user environments
Johan Fagerlönn and Katarina Delsing
- 16:15 Sonification of distance between stations in train journeys
Kjetil Falkenberg Hansen and Roberto Bresin
- 16:30 Sound Environment Center at Lund University - Report Spring 2012
Frans Mossberg
- 16:45 Audiorama – publik surroundljudstudio för innovativ lyssnardramatik, elektroakustisk musik och ljudkonst
Marcus Wrangö

- 18:00 **Buffet middag**

Onsdag, 4 April 2012

Paper Session 3

chair: Sten Ternström

- 09:15 Actors and controllerism
Erik Hedin
- 09:30 Synthesis of the Guitar and Player's Interaction
by Gianpaolo Evangelista
- 09:45 Wallanders Instruments AB, <http://www.wallanderinstruments.com>
Arne Wallander
- 10:00 **Coffee break som leder till...**

Demo och Poster Sessions 3

10:00 **Demo**
Wallanders Instruments AB, <http://www.wallanderinstruments.com>
Arne Wallander

10:00 **Posters:** Se posterlista nedan

Paper Session 4

chair: Petri Laukka

10:45 Musical Beliefs in Creative Communication
Jan Cedervall

11:00 Rörd av musikens rörelse
Fredrik Hedelin

11:15 The flow of music and the music of flow
Tomas Videgård

11:30 Current research on the human voice at KTH
Sten Ternström

11:45 Sound and Music Computing at KTH
Roberto Bresin, Anders Askenfelt, Anders Friberg, Kjetil Falkenberg Hansen and Sten Ternström

12:00 **Lunch**

Paper Session 5

chair: Gianpaolo Evangelista

13:45 Fighting "noise" = adding "noise"? Active improvement of acoustic environments.
Niklas Billström and Ricardo Atienza

14:00 Computational Models of Popular Music
Anders Elowsson

14:15 DoReMIR Music Research AB, <http://scorecleaner.com/>
ScoreCleaner - A new approach to music notation on computers inspired by music cognition research.
by Sven Ahlbäck, Sven Emtell

14:30 **Coffee break** som leder till...

Demo och Poster Sessions 3

14:30 **Demo**
DoReMIR Music Research AB
Experience ScoreCleaner live - a tool for instant, automatic music transcription.
by Sven Ahlbäck, Sven Emtell m.l.

14:30 **Posters:** Se posterlista nedan

Diskussion och framtidsplaner

Chair: Roberto Bresin

16:00 **FINE**

POSTERLISTA

Bachelor Degree Projects at KTH Sound and Music Computing

Sound feedback for the optimization of performance in running
Jordi Bolibar and Roberto Bresin

Ljudparken/The Soundpark: Using modern smartphones to create interactive listening experiences for hearing impaired
Kjetil F. Hansen, Gaël Dubus and Roberto Bresin

Evaluative conditioning: A possible mechanism underlying listeners' emotional responses to music?
Klas Hellström and Petri Laukka

An Application for Hearing Training on Android Smart devices
Zheng Li, Hua Wang and Kjetil F. Hansen

A framework for spatial rendering of amplified musical instruments
Eliás Zea