

??? Paper Title ???

Ben Trovato
Institute for Clarity in
Documentation
1932 Wallamaloo Lane
Wallamaloo, New Zealand
trovato@corporation.com

G.K.M. Tobin
Institute for Clarity in
Documentation
P.O. Box 1212
Dublin, Ohio 43017-6221
webmaster@marysville-
ohio.com

Lars Thørväld
The Thørväld Group
1 Thørväld Circle
Hekla, Iceland
larst@affiliation.org

Lawrence P. Leipuner
Brookhaven Laboratories
Brookhaven National Lab
P.O. Box 5000
lleipuner@researchlabs.org

Sean Fogarty
NASA Ames Research Center
Moffett Field
California 94035
fogartys@amesres.org

Charles Palmer
Palmer Research
Laboratories
8600 Datapoint Drive
San Antonio, Texas 78229
cpalmer@prl.com

ABSTRACT

The abstract should preferably be between 100 and 200 words.

Author Keywords

sonification, ???

ACM Classification

H.5.5 [Information Interfaces and Presentation] Sound and Music Computing, H.5.2 [Information Interfaces and Presentation] User Interfaces—Haptic I/O, I.2.9 [Artificial Intelligence] Robotics—Propelling mechanisms. ??? **TO DO**

1. INTRODUCTION

- motivation
- challenges
- the Vicon system

2. STATE OF THE ART

- Vicon & related projects
- interactive / movement sonification examples[1].

3. PROJECT DESCRIPTION

3.1 Concept

- Performance aesthetic
- Gestures, virtual objects, dynamic mapping
- Visual environment

3.2 Implementation

- Character design (Nexus)
- Vicon extensions (SDK plugin)

3.2.1 Max modules

- Object generation & performance mechanics
- Gesture recognition

- Sound design
- Visualisation (jitter)

4. CASE STUDIES

4.1 Interactive Installation

4.2 Performance

- Solo / duet / tutti ...

5. CONCLUSIONS AND FUTURE WORK

- Areas of improvement
- Eye tracking?

6. ACKNOWLEDGMENTS

This section is optional; it is a location for you to acknowledge grants, funding, editing assistance and what have you.

7. REFERENCES

- [1] T. Hermann, A. Hunt, and J. G. Neuhoff. *The sonification handbook*. Logos Verlag Berlin, 2011.



Licensed under a Creative Commons Attribution 4.0 International License (CC BY 4.0). Copyright remains with the author(s).

NIME'17, May 15-19, 2017, Aalborg University Copenhagen, Denmark.