

Sputnik

Preliminary Literature List - related Work

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This is the preliminary literature list. Its the result of an initial horizontal search (browsing through conference proceedings and journals). A vertical search (following forward and backward references) will be needed as well to sufficiently cover existing previous work in this particular area.

So far my search covered: CHI '07-11, TEI '07-11, SMC '08-'11, Computer Music Journal '07–, NIME '10 & '11.

I limited my horizontal search to publications from 2007 and newer. The wii was launched world wide in November/December 2006 and my main search target was publications using the *Wii* or similar devices.

Further ground that might be fruitful is *tangible user interfaces* since some interaction patterns and metaphors might be similar. Another area that I have not entered yet is *VR* regarding the use of the *Wii* as a controller in the virtual environment.

I didn't find the time to add comments to the list yet.

References

- [Cook, 2001] Cook, P. (2001). Principles for designing computer music controllers. pages 1–4.
- [Dobrian and Koppelman, 2006] Dobrian, C. and Koppelman, D. (2006). The E in NIME: musical expression with new computer interfaces. In *NIME*, pages 277–282.
- [Fels and Lyons, 2011] Fels, S. and Lyons, M. (2011). Siggraph 2011 Course Notes Advances in New Interfaces for Musical Expression. *Notes*.

- [Gurevich et al., 2010] Gurevich, M., Stapleton, P., and Marquez-Borbon, A. (2010). Style and Constraint in Electronic Musical Instruments. In *NIME*, number Nime, pages 106–111.
- [Hähnel and Berndt, 2010] Hähnel, T. and Berndt, A. (2010). Expressive articulation for synthetic music performances. In *NIME*, number Nime, pages 277–282.
- [Kiefer, 2008] Kiefer, C. (2008). Evaluating the wiimote as a musical controller. *Proceedings of the International Computer Music Conference*, pages 17–17.
- [Mäki-Patola et al., 2005] Mäki-Patola, T., Laitinen, J., Kanerva, A., and Takala, T. (2005). Experiments with virtual reality instruments. *Virtual Reality*, pages 11–16.
- [Miller, 2010] Miller, J. (2010). Wiolin: a virtual instrument using the Wii remote. In *NIME*, number June, page 497ff.
- [Miyama, 2010] Miyama, C. (2010). Peacock : A Non-haptic 3D Performance Interface. In *NIME*, number Nime, pages 380–382.
- [Pedersen and Hornbæk, 2009] Pedersen, E. W. and Hornbæk, K. (2009). mixiTUI. In *Proceedings of the 3rd International Conference on Tangible and Embedded Interaction - TEI '09*, page 223, New York, New York, USA. ACM Press.
- [Pedersen and Hornbæk, 2011] Pedersen, E. W. and Hornbæk, K. (2011). Tangible bots. In *Proceedings of the 2011 annual conference on Human factors in computing systems - CHI '11*, page 2975, New York, New York, USA. ACM Press.