

AERIAL WELL STUDY

MICROWAVE INTERNATIONAL NEW MEDIA ARTS FESTIVAL
HONG KONG - NOVEMBER, 2014

Philip Beesley
Living Architecture Systems Group



I Aerial Well Study, installation view. Microwave International New Media Arts Festival, Hong Kong, 2014.

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2 Aerial Well Study, installation view. Microwave International New Media Arts Festival, Hong Kong, 2014.

INTRODUCTION

Aerial Well Study is composed of a new generation of kinetic mechanisms that pull and twist toward passing visitors, following their movement. A floating scaffold of elongated acrylic spines is laden with dense masses of glass vessels interspersed with custom acoustic devices. The mechanisms integrate parallel threads of shape-memory alloy that permits pulling and reaching movements in multiple directions. New learning algorithms have been introduced which allow for constantly evolving responses to occupants exploring the environment. Internal vinegar cells arrayed overhead generate pulses of current that trigger gentle cascades of LED lights and whispering sound.

The installation was presented at Exhibition Hall, Low Block, Hong Kong City Hall from November 7-16, 2014, as part of the Microwave International New Media Arts Festival.

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3 Aerial Well Study, installation view. Microwave International New Media Arts Festival, Hong Kong, 2014.



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9 Aerial Well Study, installation view. Microwave International New Media Arts Festival, Hong Kong, 2014.

REFERENCES

For Further Reading:

- Beesley, Philip, Omar Khan, and Michael Stacey, eds. ACADIA 2013 Adaptive Architecture: Proceedings of the 33rd Annual Conference of the Association for Computer Aided Design in Architecture. Toronto: Riverside Architectural Press, 2014. Print.
- Beesley, Philip, ed. Near-Living Architecture: Work in Progress from the Hylozoic Ground Collaboration 2011-2014. Toronto: Riverside Architectural Press, 2014. Print.
- Beesley, Philip. "Diffusive Thermal Architecture: New Work from the Hylozoic Series." *Architectural Design* 84 (2014): 90-99.
- Beesley, Philip. "Quasiperiodic Near-Living Systems: Paradigms for Form-Language." *Alive: Advancements in Adaptive Architecture*. Eds. Manuel Kretzer and Ludger Hovestadt. Basel: Birkhäuser, 2014. 26-33.
- Beesley, Philip. "Dissipative Prototyping Methods: A Manifesto." Guest Ed. Rachel Armstrong. *Journal of the British Interplanetary Society* 67.7/8/9 (2014): 338-345.
- Beesley, Philip, and Michael Stacey. "An Interview with Philip Beesley and Michael Stacey." *Fabricate: Making Digital Architecture*. Eds. Ruairi Glynn and Bob Sheil. Toronto: Riverside Architectural Press, 2013. Print.
- Beesley, Philip. "Input Output: Performative Materials." *Performative Materials in Architecture and Design*. Eds. Rashida Ng and Sneha Patel. Bristol: Intellect, 2013. ix-xi.
- Beesley, Philip. "Protocell Mesh." *Prototyping Architecture*. Ed. Michael Stacey. Toronto: Riverside Architectural Press, 2013. Print. 58-61.
- Beesley, Philip. "Prototyping for Extimacy: Emerging Design Methods." *Prototyping Architecture: The Conference Papers*. Ed. Michael Stacey. Toronto; London: Riverside Architectural Press and London Building Centre, 2013. Print.
- May, Tim. "Philip Beesley: Limits to Growth." *Holo 1: Emerging Trajectories in Art, Science and Technology*. 2014