



GAMELATRON®

The world's first fully robotic Gamelan Orchestra



Biography

The Gamelatron is the world's first and only fully robotic gamelan orchestra. It is the fruit of collaboration between The Composer and multi-media artist Zemi17: Aaron "Taylor" Kuffner with The League of Electronic Musical Urban Robots (LEMUR). The Gamelatron is modeled after traditional Balinese and Javanese gamelan orchestras. It features sets of classic instruments in ornate frames with custom robotic counter parts. MIDI sequences control up to 170 robotic striking mechanisms that produce intricately woven rhythmic sound.

The construction of the beta Gamelatron was fully realized in September 2008. Between March and May of 2010 Taylor Kuffner constructed a touring Gamelatron, which is completely modular, based on adaptations of LEMUR designs working with Eric Singer's custom MIDI decoder microprocessors. The instruments featured in this Gamelatron draw from the Balinese Belaganjur ensemble as well as the Reyong and Trompong sections of the Balinese Gamelan Gong Gede. Kuffner built a small Gamelatron in February of 2011 featuring a selection of instruments of the Balinese Wayang Kulit (Shadow Puppet) tradition. Currently another touring Gamelatron is under construction specifically to service the west coast of the United States with a project to robotize a copy of a rare Balinese Gamelan made from Iron, called Selonding is slated for the end of the 2012.

The Gamelatron has received grants and in-kind support from The Trust for Mutual Understanding, The Experimental Television Center with The New York Council for the Arts, The League of Electronic Musical Urban Robots, Ableton Gmhb, Native Instruments Gmhb, The CEC Artslink, Scope Arts, The New Orleans Airlift, TechShop San Francisco, The Experimental Television Center, The Mid Atlantic Arts Foundation and The US Artists International partnership with the National Endowment for the Arts and the Andrew W. Mellon Foundation.



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Curriculum Vitae

Noted Installations

New Orleans Airlift Music Box Shanty Town, New Orleans, LA 2011
The Temple of Transition, Black Rocks City, Nevada 2011
The Naropa Institute, Boulder, CO 2011
The University of Colorado at Boulder, Boulder, CO 2011
Sundaram Tagore Gallery, Chelsea NYC 2011
St. Cecilia's Convent, Brooklyn, NY 2011
Unilever Research Headquarter, Trumbull, CT 2010
The Riavola Hotel, St. Petersburg, Russia 2010
Scope Miami Fair Entrance (with Ryan O'Connor and Will Etundi) 2009
The Hive Mind (with Deb Yoon), Governor's Island, NY 2009

Noted Art and Music Festivals Appearances

Escape To New York, The Hamptons NY 2011
The Philadelphia Experiment Festival, Darlington Maryland 2009, 2010, 2011
Electric Picnic, Stradbally, Ireland 2010
Boom, Idanha-a-nova, Portugal 2010
Lightning in a Bottle, Irvine, CA 2010
The Joshua Tree Music Festival, Joshua Tree, CA 2010

Noted Concert Performances

Scope Miami Opening Party at Charcoal Studios Miami, FL 2010
Proekt Fabrika Theater, Moscow, Russia 2010
Vozduh Hall, Moscow, Russia 2010
The Experimental Sound Gallery, St. Petersburg, Russia 2010
Apostista Music Forum at Manege Hall, St. Petersburg, Russia 2010
Issue Project Room, Brooklyn, NY 2010
Bobo's Gallery, Asheville, NC 2010
Flood Fine Art Center, Asheville, NC 2010
Telfair Museum Neises Auditorium, Savannah, GA 2010
Manhattan New Music Project at the X-Initiative Chelsea, NYC 2009
Judson Memorial Church, NYC 2009
The World Financial Center, NYC 2009
Pittsburg Children's Museum, Pittsburg, PA 2008
Chelsea Art Museum, Chelsea NYC 2008
New Britain Museum of American Art, New Britain, CN 2008