

Beyond Digital – Towards Biological

michaelkissick Projects

30/12/2017

Research Residency & Artist Talks

Residency: 2017.12.12 – 2017.12.21

Artist Talks: 2017.12.20 (Wednesday), 14.00 – 17.00

Language: English (with Chinese interpreting)

Venue: Chronus Art Center (No.18, No.50 MoGanShan Rd, Shanghai)

Organized by: Chronus Art Center

Funded by: Danish Agency for Science, Technology and Innovation, IT University Copenhagen, and University of Plymouth

Artists:

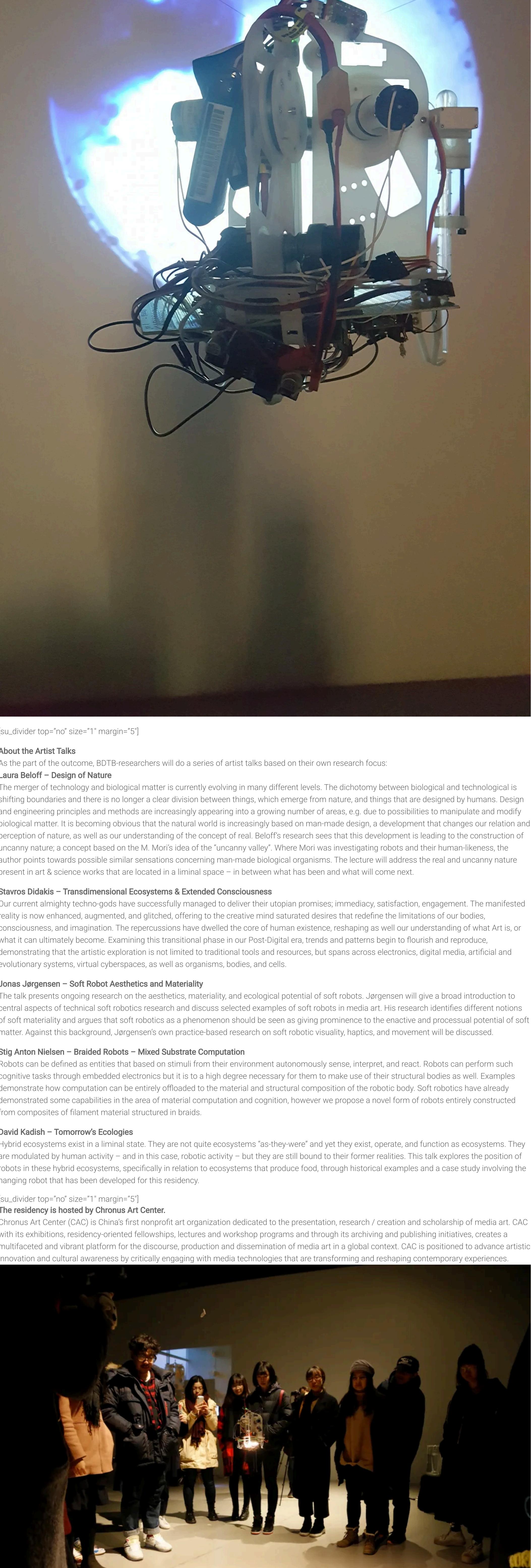


Laura Beloff / Stavros Didakis / Jonas Jørgensen / Stig Anton Nielsen / David Kadish

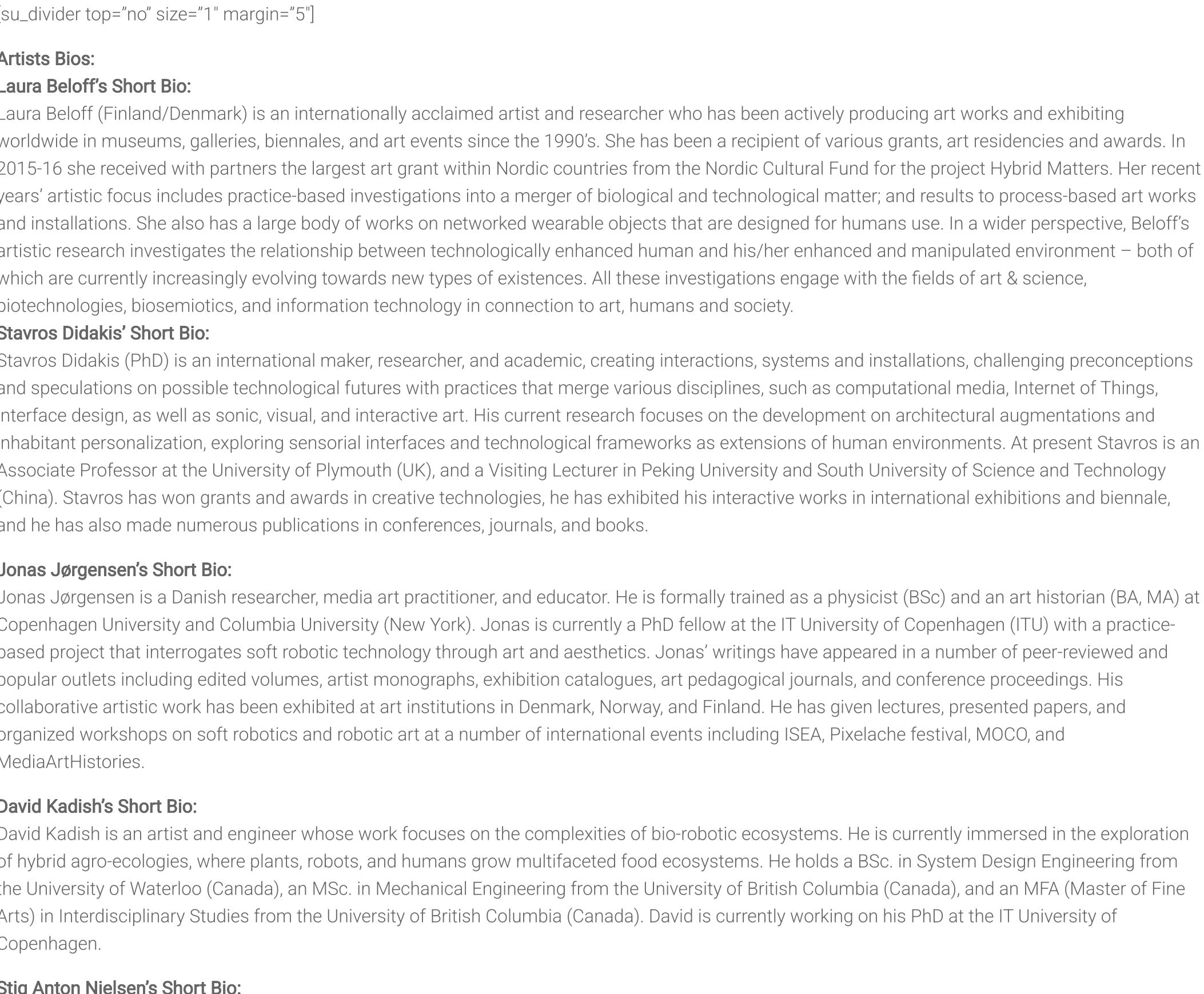
[su_divider top="no" size="1" margin="5"]

About the Research Residency

This residency forms a research collaboration for techno-organic practices, exploring emergent innovations at the intersection of digital technology and organic matter. Through the installation, the researchers enable conditions for a wide spectrum of life-forms to assemble (artificial chemical life, to biological life, and computational life *in silico*) into novel configurations with unique and emergent dynamics, creating a proto-environment, a hybrid ecology, that contains living, semi-living, and non-living actors.



The experiments developed for this work include a hanging small-scale robot that nurtures and maintains the artificial chemical life that evolves in the petri-dishes. A computational system tracks, analyzes, and identifies the matter that is composed within the petri-dish, and based on its results, the robotic ecology is controlled and actuated. The robotic system becomes an autonomous agent that attempts to explore the creation of life, and through the development a range of organic/soft-robotic structures begin to emerge in aeriform, solid, and liquid matter.



Copyright © 2015