



HACKTERIA.ORG

Open Source Biological Art

hackteria is a community based platform and information portal for the open sharing of knowledge, instructions, critical reflections and theoretical articles about open source art project dealing with biology | lifescience | biotechnology

Founders

Marc Dusseiller (Switzerland)

Yashas Shetty (CEMA, Bangalore)

Andy Gracie (Spain)

<http://hackteria.org>

Hackteria is a collection of Open Source Biological Art Projects instigated in February 2009 by Andy Gracie, Marc Dusseiller and Yashas Shetty, after collaboration during the Interactivos'09 Garage Science at Medialab Prado in Madrid. The aim of the project is to develop a rich web resource for people interested in or developing projects that involve DIY bioart, open source software and electronic experimentation. As a community platform hackteria tries to encourage the collaboration of scientists, hackers and artists to combine their expertise, write critical and theoretical reflections, share simple instructions to work with lifescience technologies and cooperate on the organization of workshops, festival and meetings. The hackteria project is supported by: Bundesamt für Kultur, Migros Kulturprozent, Sir Ratan Tata Trust and Shristi.



A glowing biological specimen, possibly a microorganism or tissue, is shown in a petri dish. The specimen is illuminated with vibrant blue and purple light, creating a striking contrast against the dark background. A microscope is positioned above the dish, and its light source is visible, casting a bright blue glow on the specimen. The overall scene is set in a dark environment, emphasizing the luminescence of the biological sample.

What is BioArt

What is BioElectronix

BioArt

NATURE
TRANSFORMER

自然·界
無

Microwave
International
New Media
Arts Festival
2009

微波國際新媒體藝術節

NOV/2009

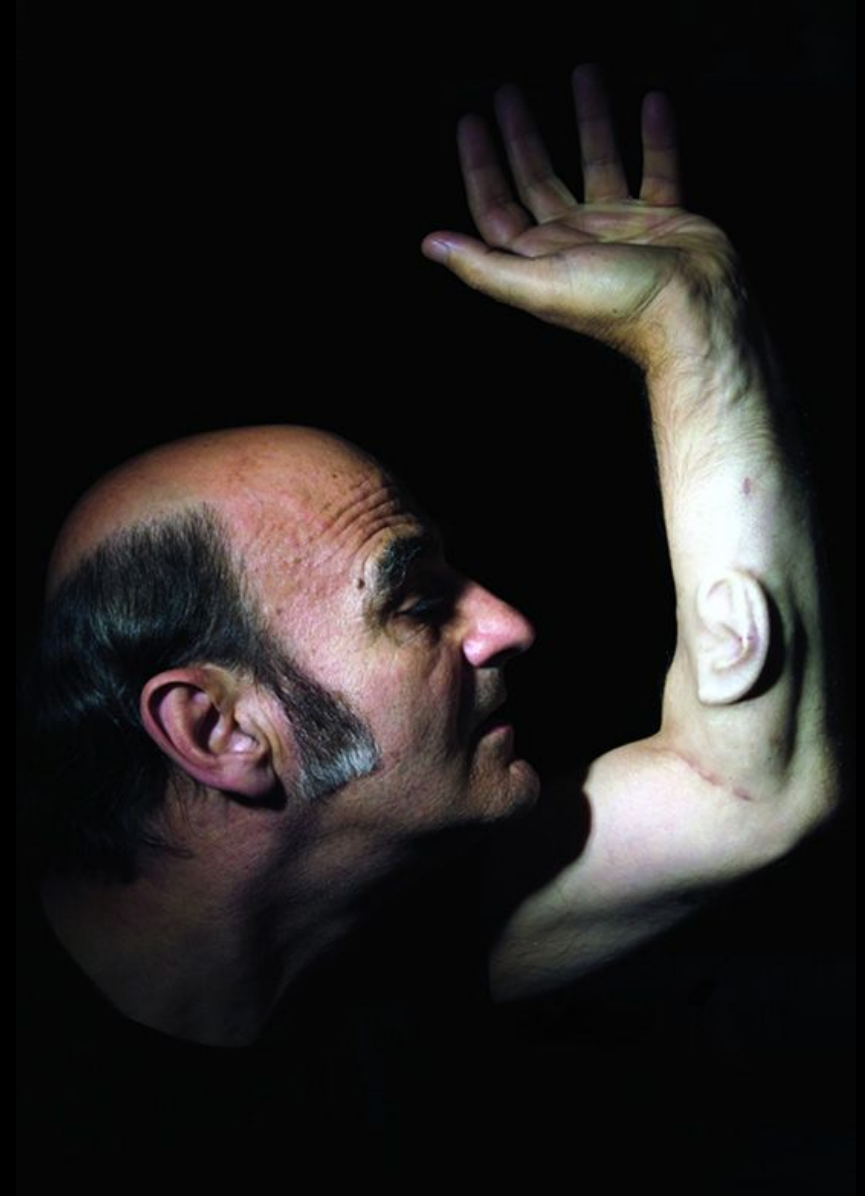
BioArt

Eduardo Kac & Alba the GFP Bunny



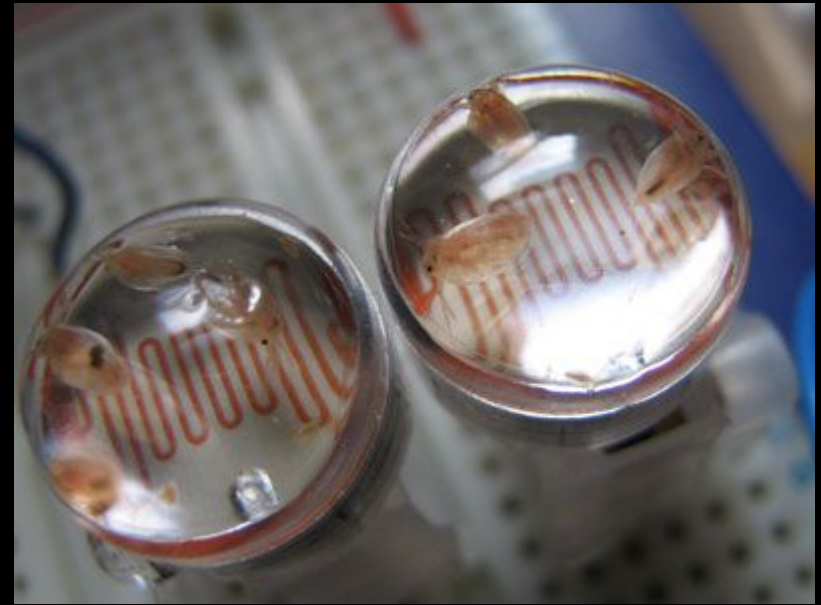
BioArt

STELARC & Symbiotica

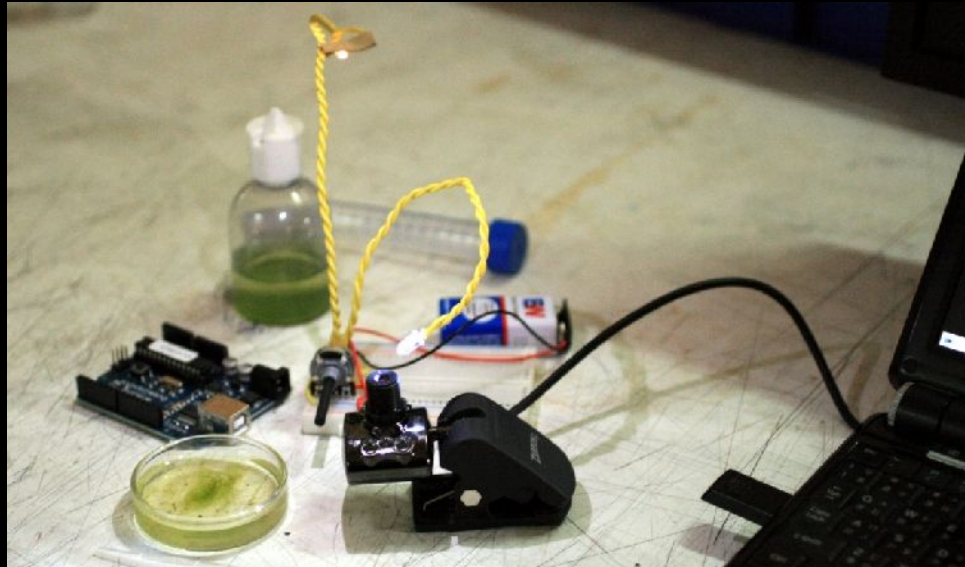


BioArt

Antony Hall

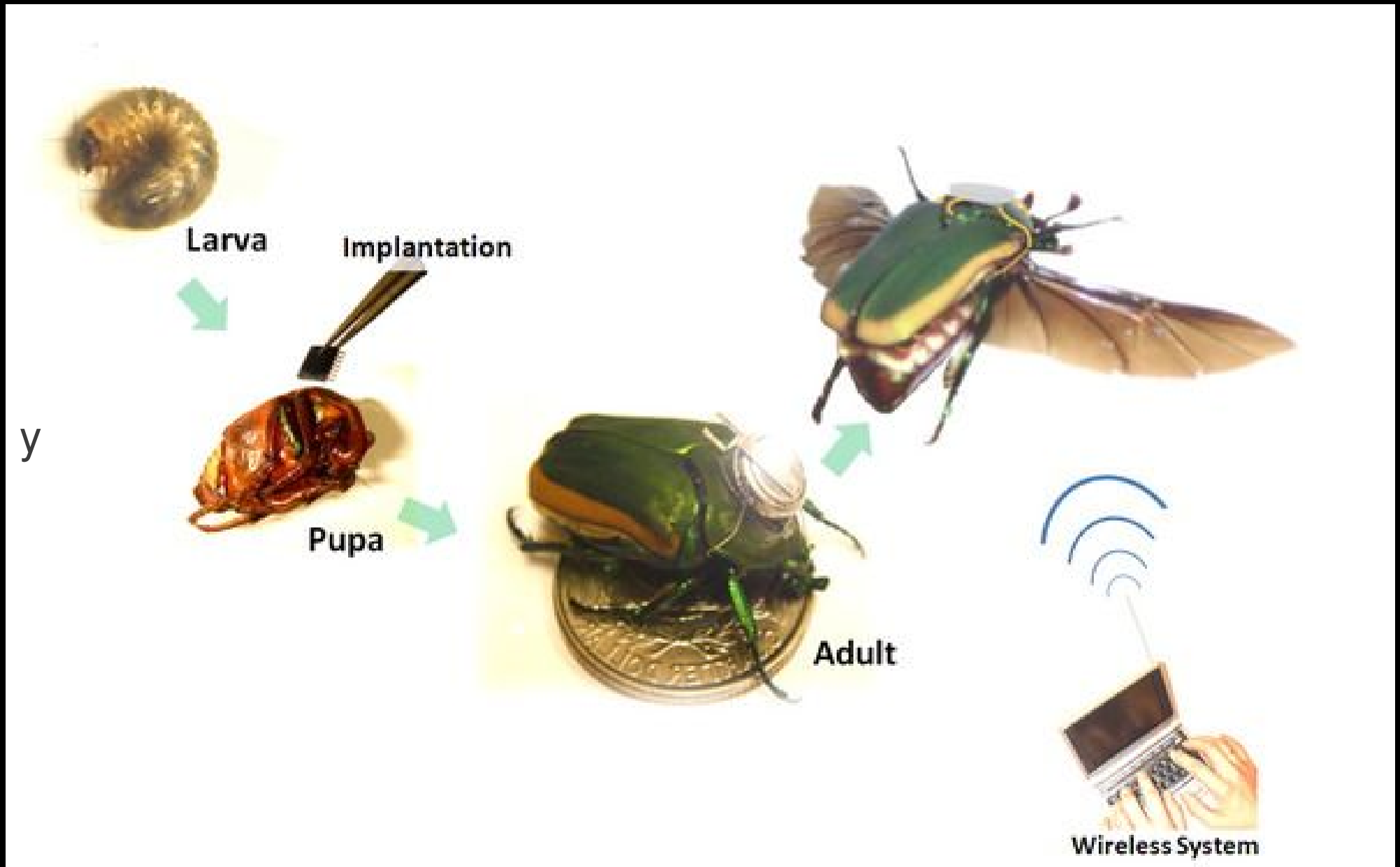


Bioelectronix vs. Bioelectronics



Hybrid MEMS | this is not Art

Maharbiz research group



Hybrid MEMS | this is not Art

Maharbiz research group

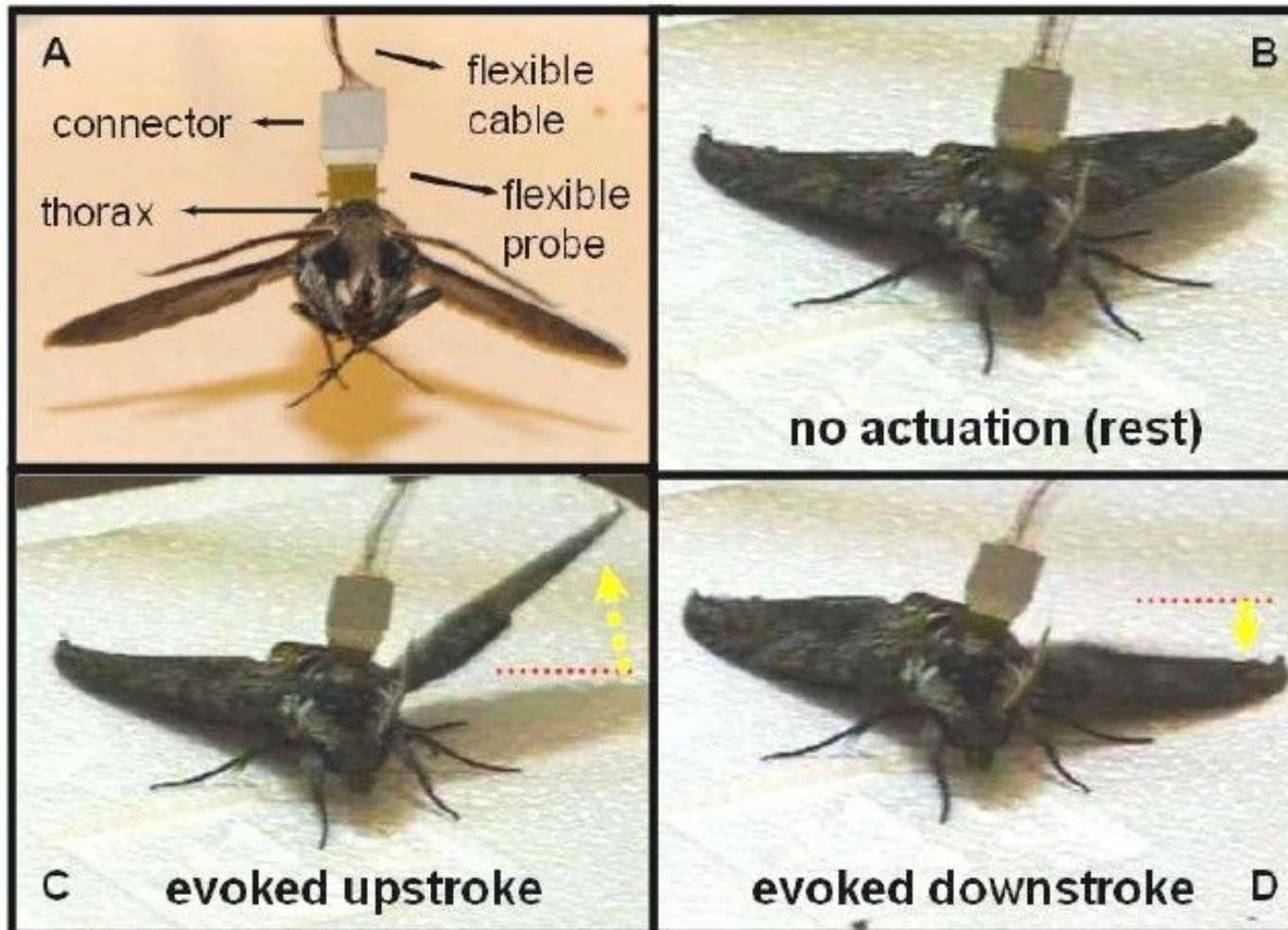
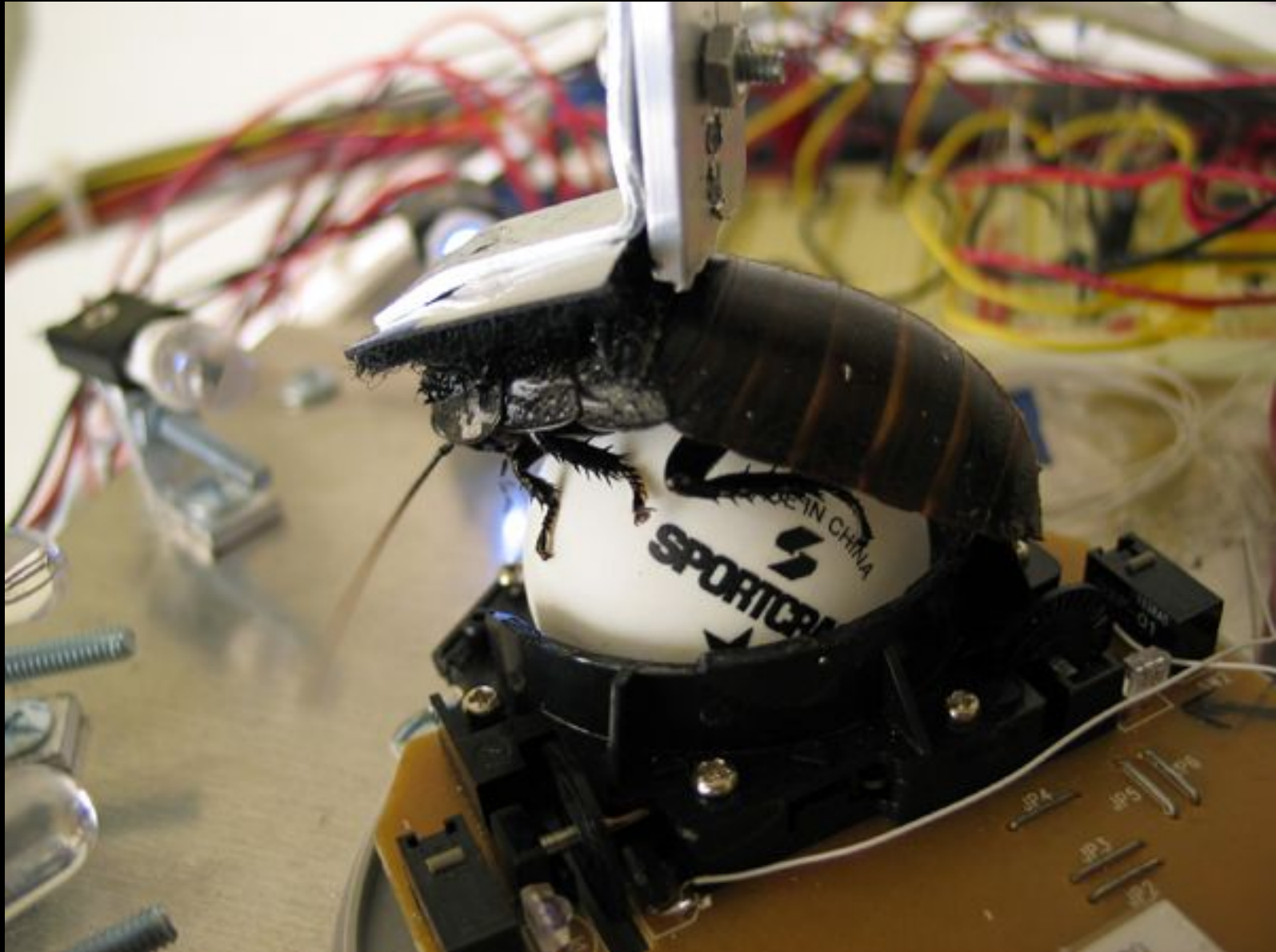


Figure 10: The evoked up- and downstroke of a “single” wing obtained by applying 5V pulses to the indirect flight muscles (snapshots from the recorded movie). Under natural conditions, moths flap both wings together.

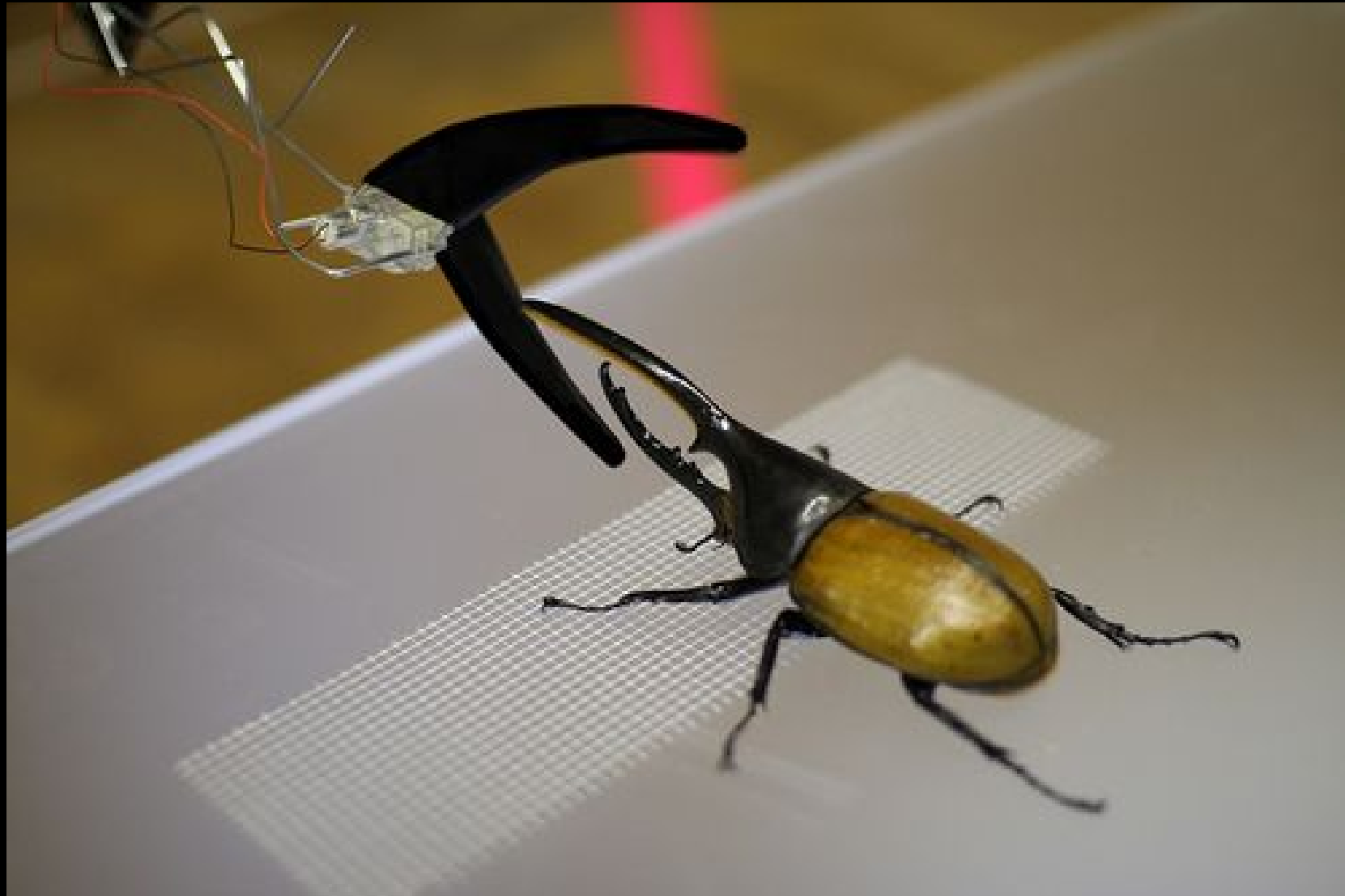
Roachbot

Garnet Hertz et al



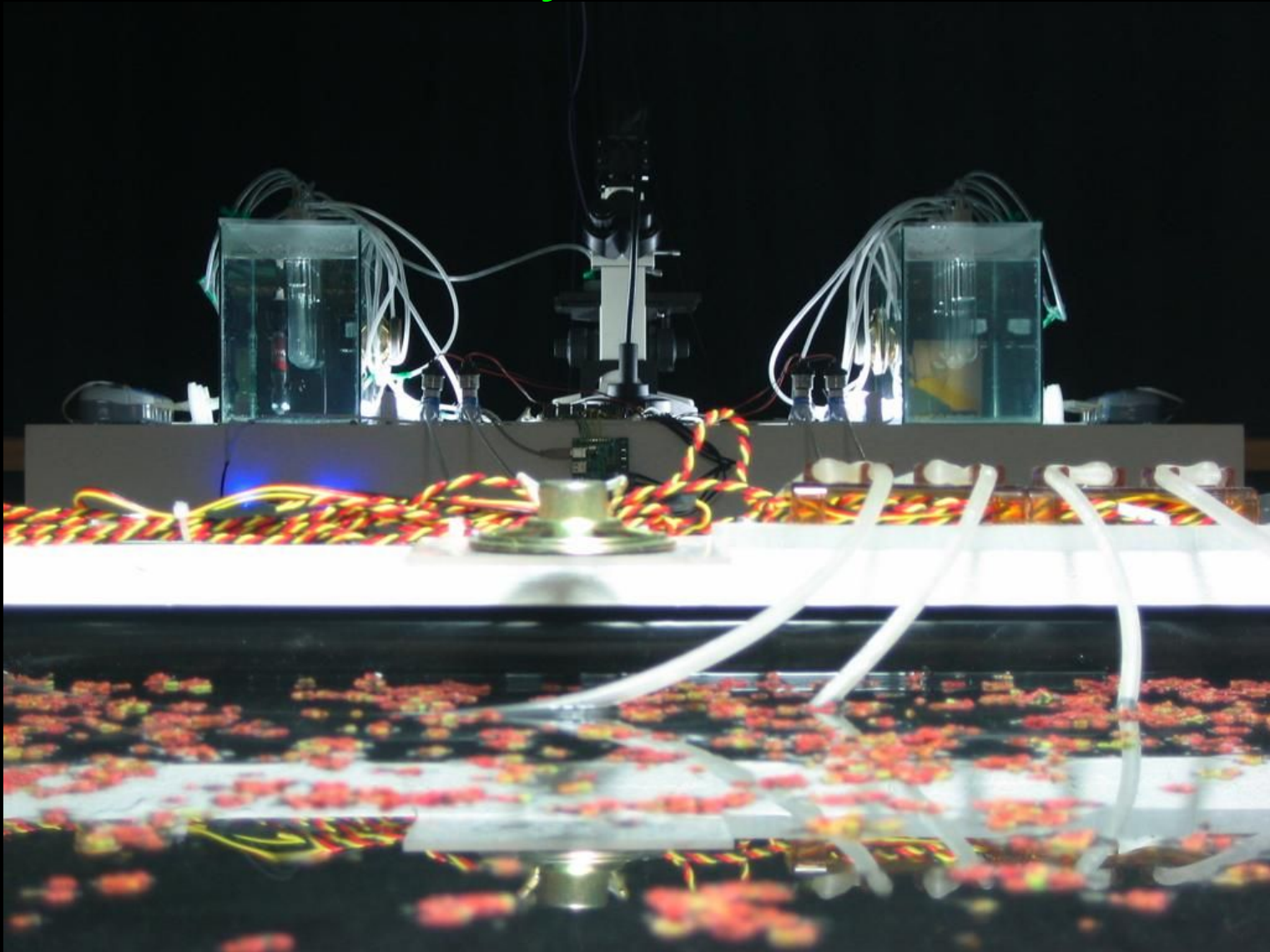
Rhinoceros Beetle

Natalie Jeremijenko, Chris Woebken et al



Autoinducer_Ph-1

Andy Gracie



cross cultural chemistry

Life support system establish between real and virtual bacteria

Open Source Biological Art

