

# Shared or Entangled Instruments

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Artist

Creative Technologist

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Hoisted by the be.AI Centre

(biomimetic and embodied AI, Leverhulme Trust)

University of Sussex

Chirs Kiefer, Alice Eldridge and Thor Magnusson

Practice researcher.

Work exhibited in public space.

Challenges and processes.

[muio.org](http://muio.org)

[owlproject.com](http://owlproject.com)

[entangled-instruments.xyz](http://entangled-instruments.xyz)

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... oh playing an instrument with  
someone else.....?



# Owl Project – iLog and LogPile



iLog photosynthesisors (top)  
LogPile (bottom)

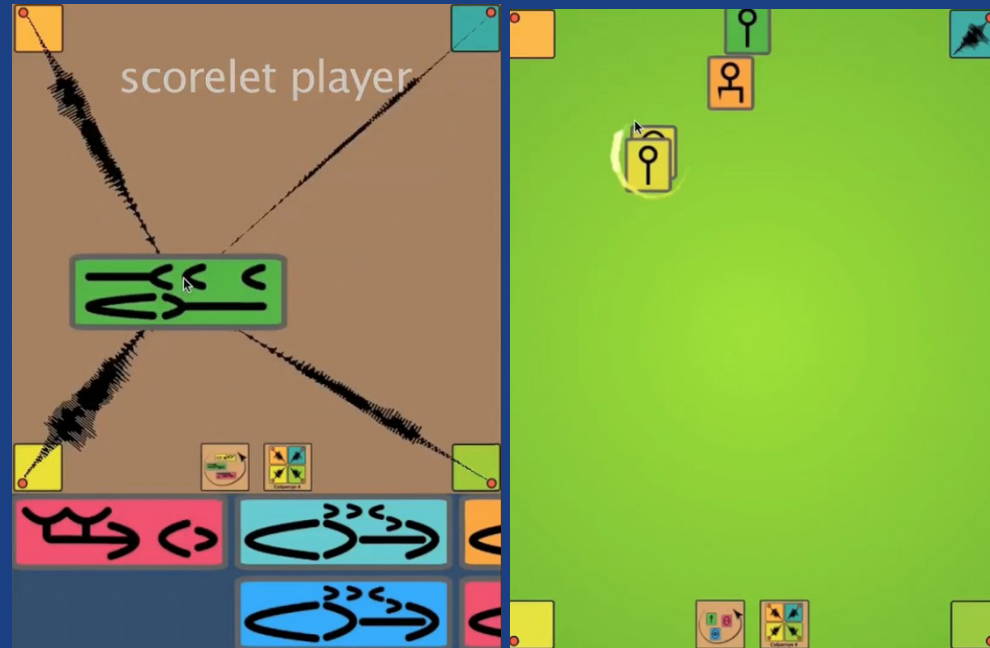
Owl Project  
<http://owlproject.com>  
<https://www.jaredschiller.co.uk/blog/2017/11/8/acts-of-making>



# Colpersys 4



- Participants join local WiFi
- Captured portal only allows access to two 'musical games'
- Scorelet player
- Notelet player
- Designer to slow the participants





# Mutual Instruments

- Musical chatroom
- Backing track to create context
- Each unit has 4 samples
- Buttons trigger the same sample on each device



# Congregation – Ray Lee



[Invisible-forces.com](http://Invisible-forces.com)

# Stickatron



## Key control data:

Pole mid-point in space  
Pitch - vertical rotation  
Yaw - horizontal rotation

Elastiphone adds hand separation.  
Should it be called the  
“Squishaphone”?

# Elastiphone

A virtual elastic band between the players hands.



## PhD research