

Sensing the Forest

Summer School - Day 1 - Introductions



February 15, 2024

Housekeeping

- The session will be recorded (for internal purposes).
- Please switch off your microphone if you are not speaking.

Outline

- **Short introductions of who we are - 10 min**
- **What is StF & the StF summer school - 10 min**
- **Summer school attendees share their background, interests and initial project ideas (1-2 slides optional), 2-3 min per person - 30 min**
- **Q&A and Closing - 5 min**

Short introductions

Name

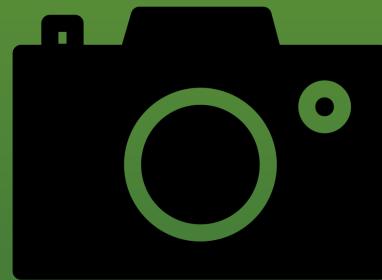
Role

One of your favourite sounds

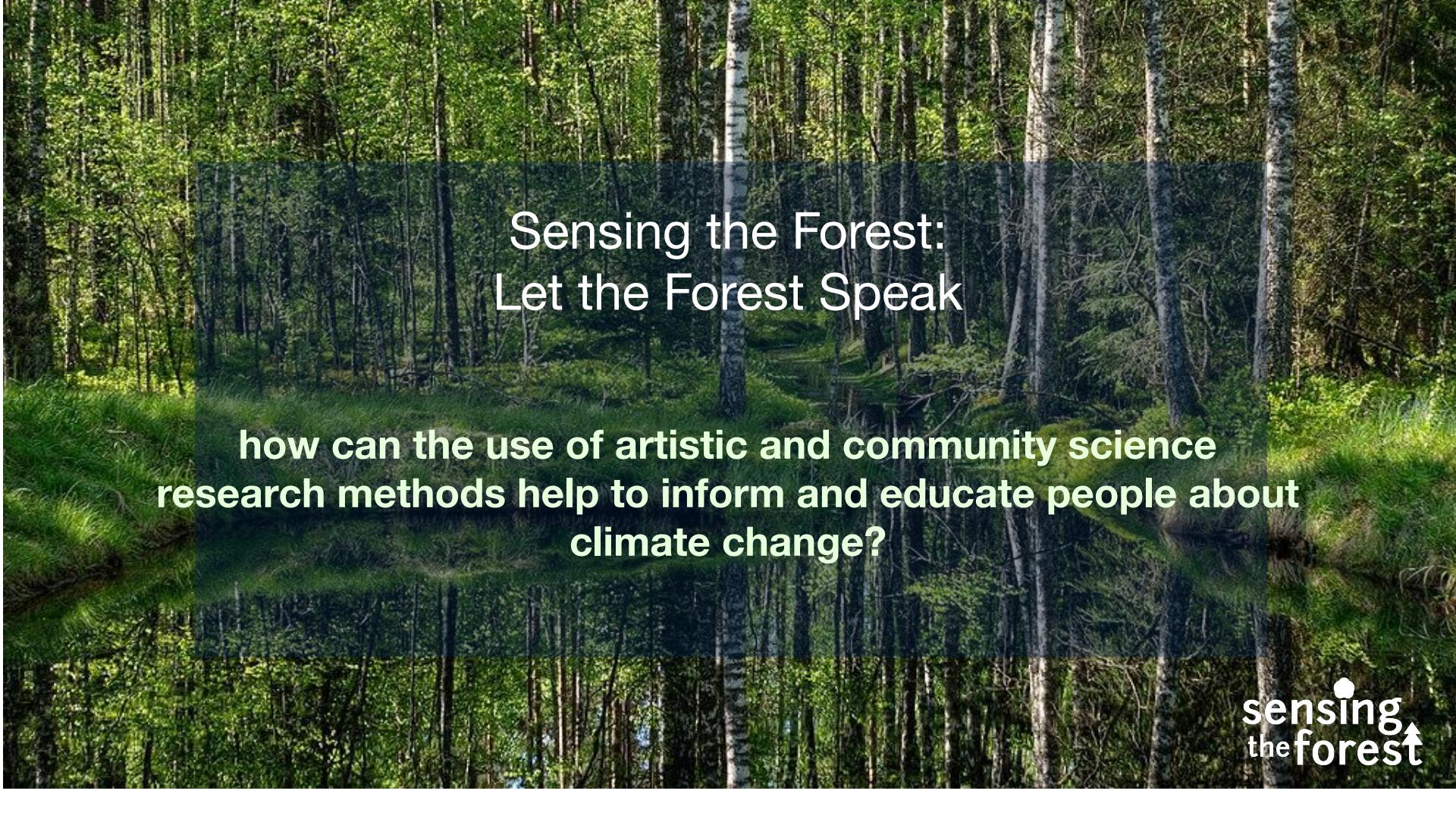
Area of expertise



Group Photo on Zoom

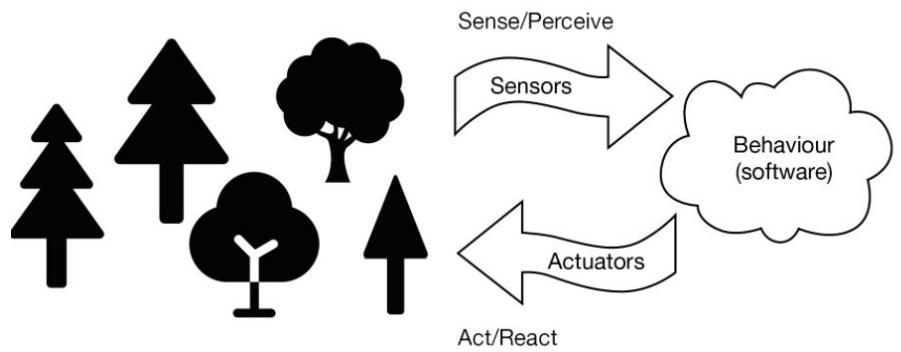


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Sensing the Forest: Let the Forest Speak

**how can the use of artistic and community science
research methods help to inform and educate people about
climate change?**



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Nature and artistic
creation in harmony

César Manrique

Jameos del Agua

The team



Dr Anna Xambó (PI)
Senior Lecturer in Sound and Music Computing, QMUL



Dr Luigi Marino
Research Fellow in Sound and Music Computing, QMUL



Dr Peter Batchelor (CI)
Senior Lecturer in Music, Technology and Innovation, De Montfort University



Dr Michael Bell (CI)
Climate Scientist, Forest Research



Dr Georgios Xenakis (CI)
Senior Climate Scientist, Forest Research



Hazel Stone National Curator of Contemporary Art, Forestry England



Dr Krishna Nama Manjunatha (CI)
Senior Lecturer in Micro and Nano Electronics, De Montfort University



Ashok Karavadra
Senior Technician, De Montfort University



Nick Wardlaw
District Recreation Manager, Forestry England



Danielle Grimsey
Visitor Services Manager, Alice Holt, Forestry England



Max Gravestock
Site Manager, Alice Holt, Forestry England



Johana Knowles
Visitors Services Officer, Alice Holt, Forestry England

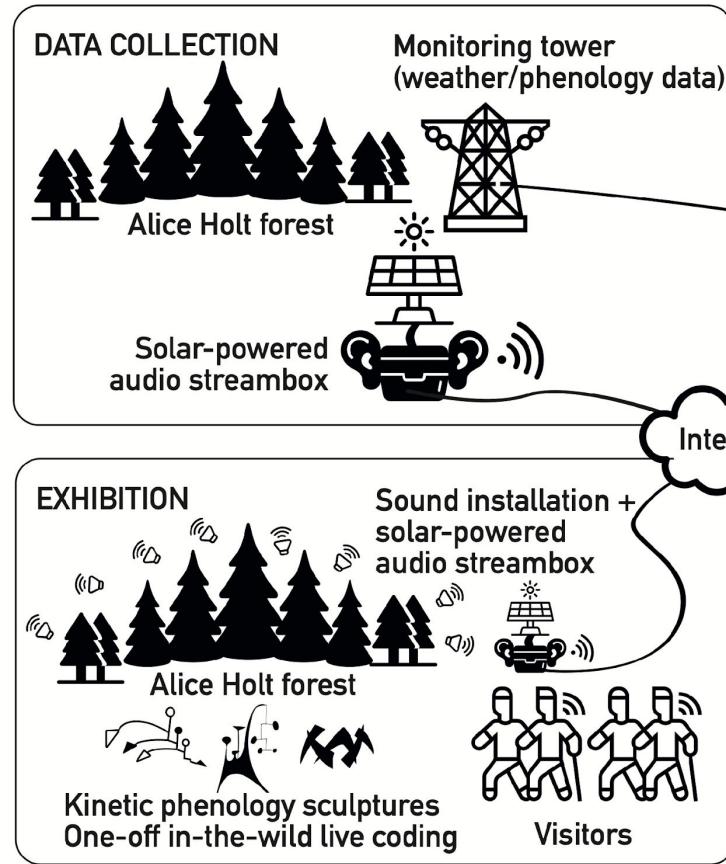
AHRC Sensing the Forest

Objective 1

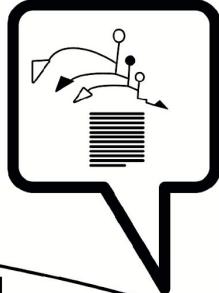
Objective 1 (WP1): Artistic audio ecology intervention concerning forests and climate data (18.9.2023-29.6.2025).

To make a one-year on-site and online artistic intervention in a UK-based forest using live scientific data and fostering acoustic ecology experiences. This objective relates to making an artistic intervention in the Alice Holt forest in Hampshire, UK in collaboration with Forest Research (FR) and Forestry England (FE).

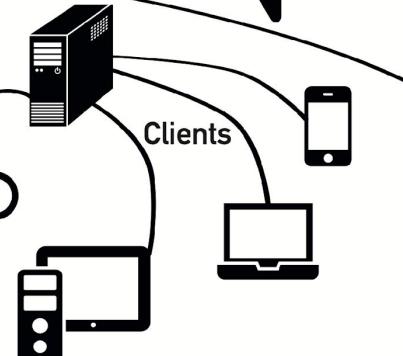
Forest Intervention WP1



Off-site exhibition
Live soundscapes +
sound recordings



Clients



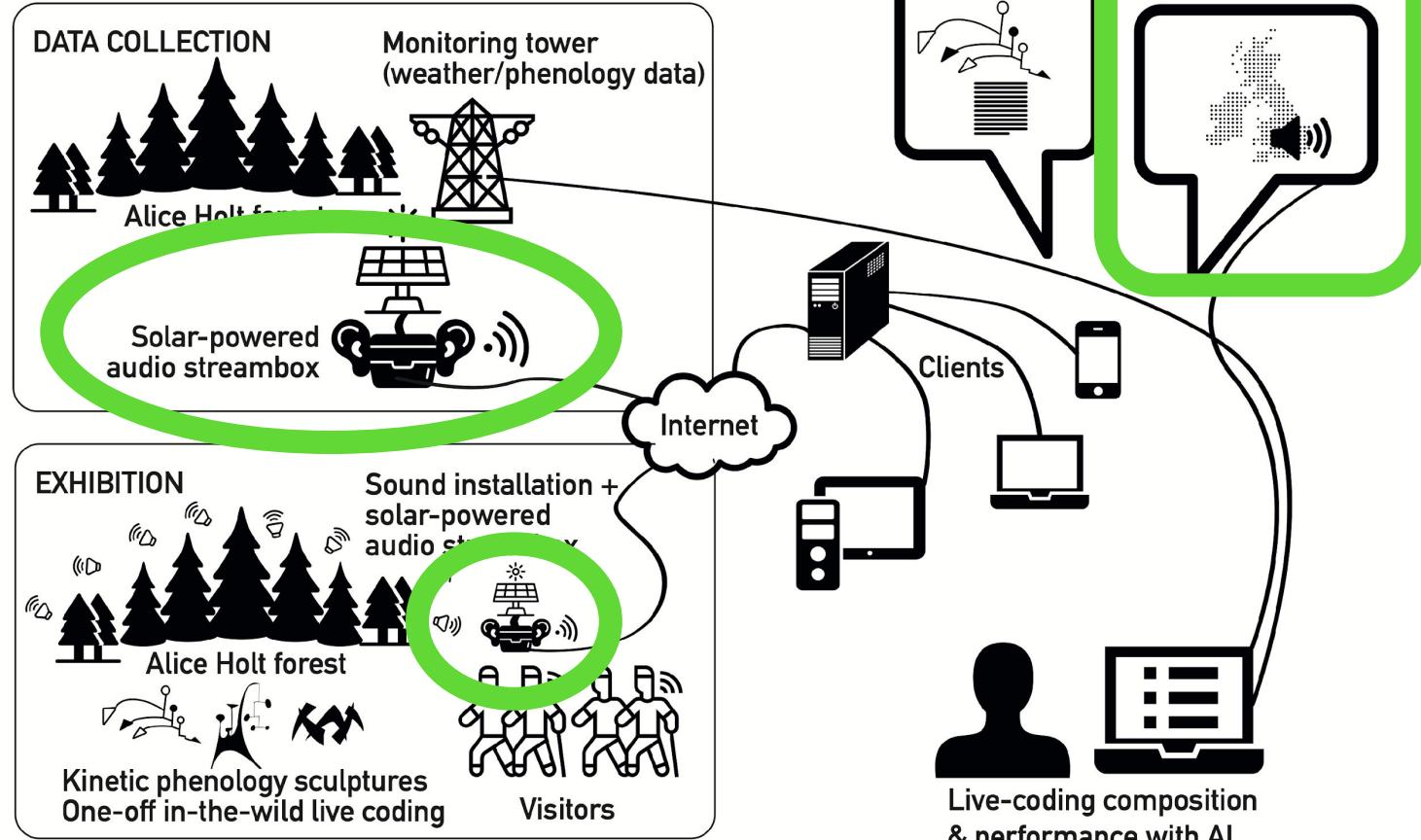
Live-coding composition
& performance with AI

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Johana Knowles

Forest Intervention WP1



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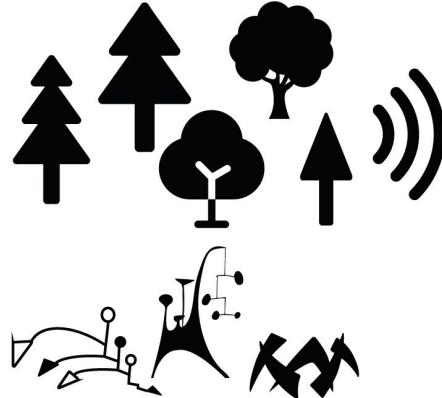


Johana Knowles

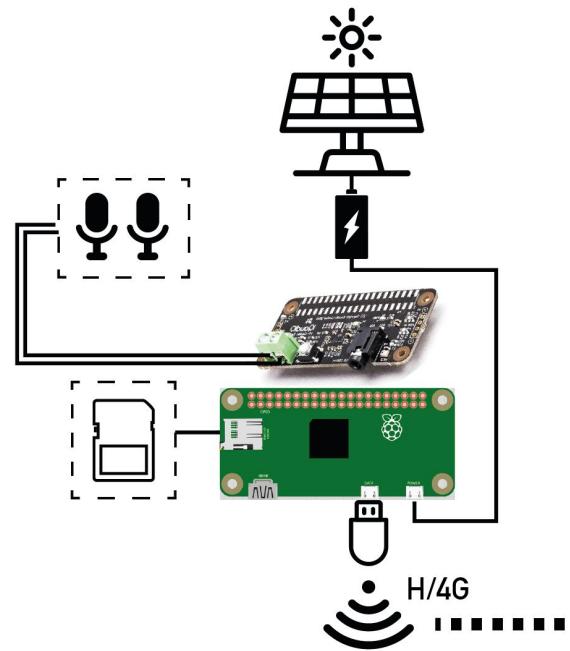


2x Audio streamers

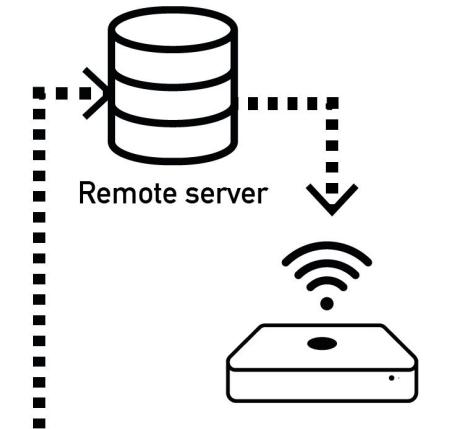
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Ecosystem

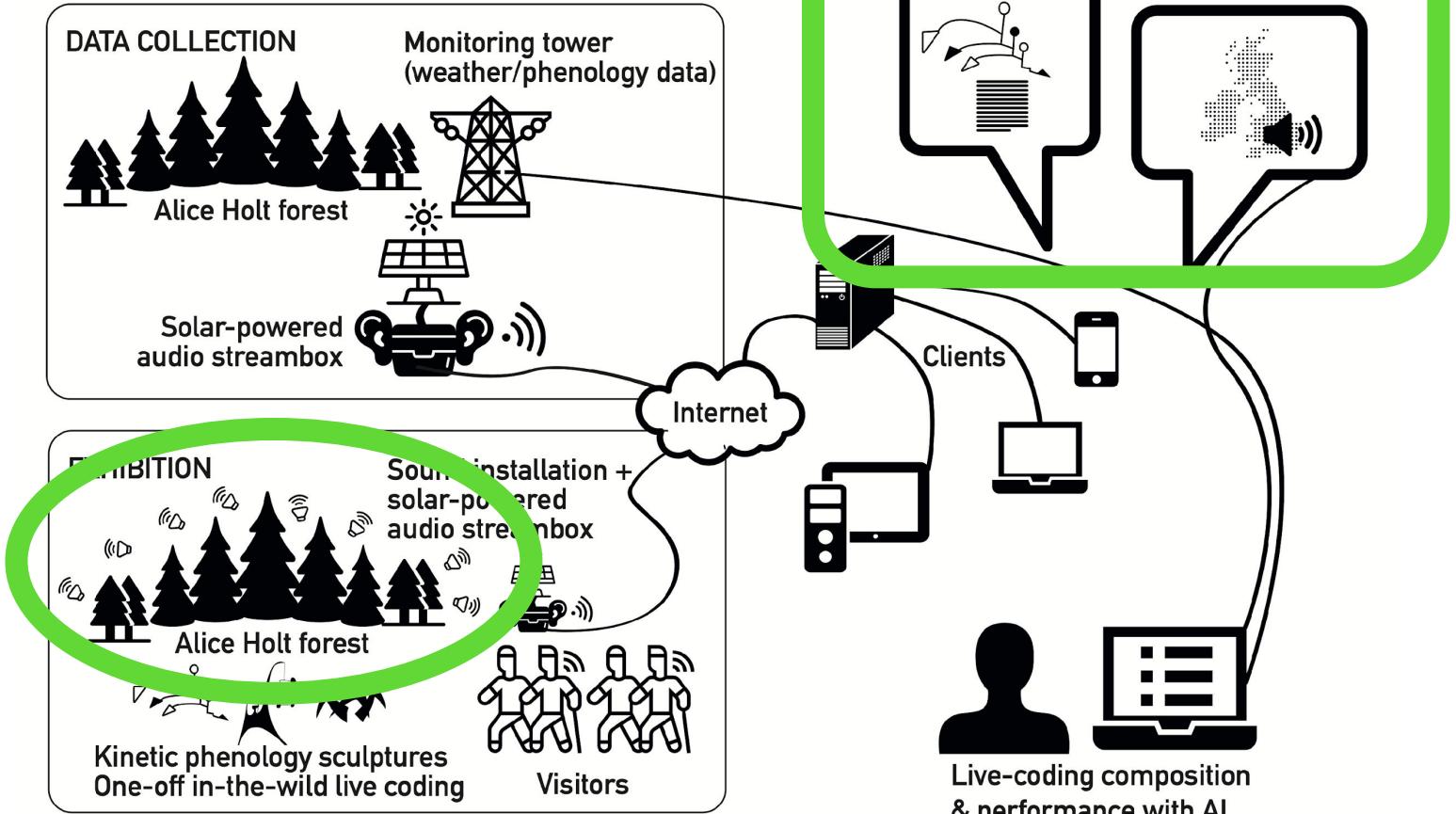


Autonomous monitoring unit
Audio recording system I & audio streamer



Client
Audio recording system II

Forest Intervention WP1



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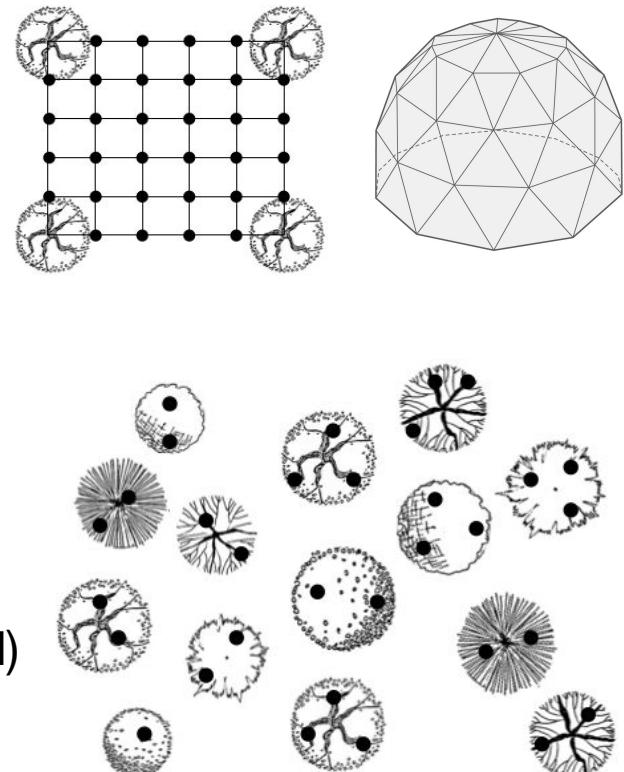
Johana Knowles



Featured sound installation

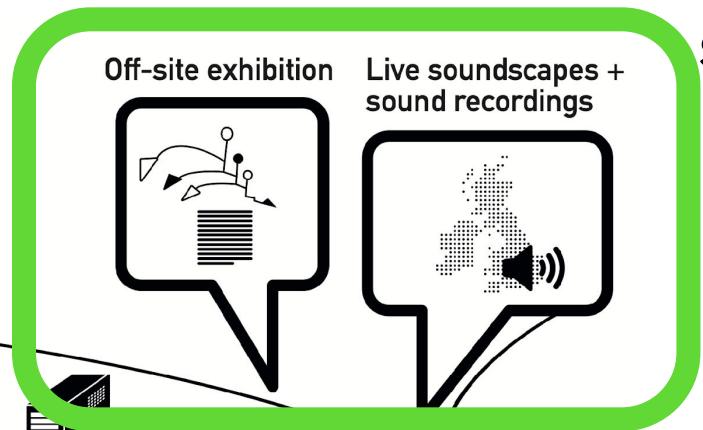
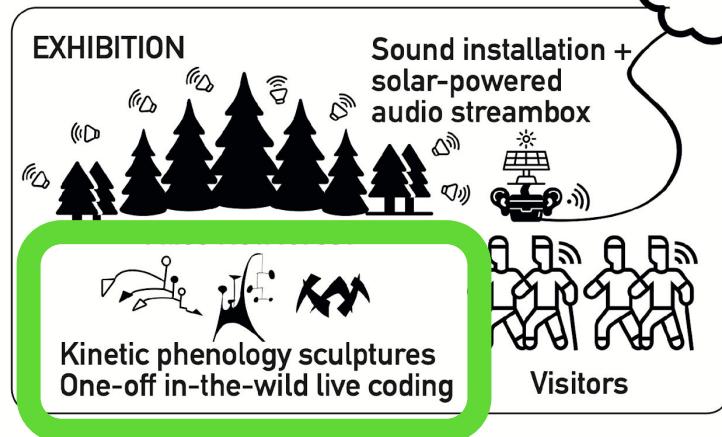
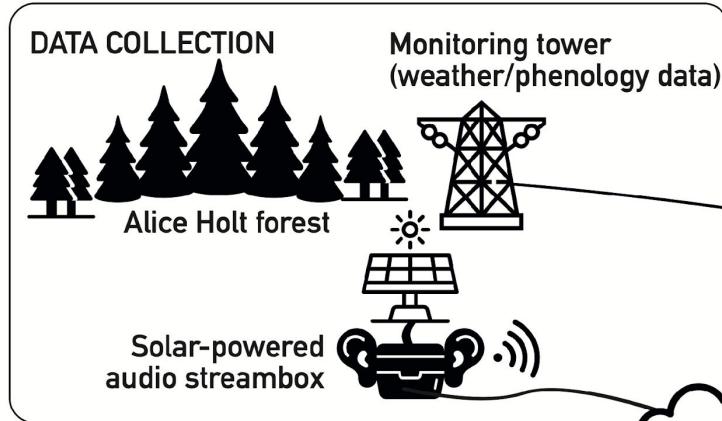
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- 32-channel installation
- one year duration
- suspended speakers (distributed | grid | dome)
- autonomous systems || ‘media multiplicity’
- linear data mapping || compositional interpretation
- data: carbon cycle, forest respiration
 - data sourcing (real-time | historical | archeological)
 - spatial
 - temporal (year-long)



Forest Intervention WP1

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Live-coding composition
& performance with AI



Johana Knowles

Summer school: Invitation to explore how can artistic interventions raise awareness about the place, the data, and climate change.

Summer school

Concept

- **Open call** to select 10 proposals (Dec 2023 - Jan 2024)
sensingtheforest.github.io/summer-school/
- 4 months of **online training/mentoring** (Feb-May 2024).
- **2 days (19-20 June) in Alice Holt to set up** (1 days) and exhibit (0.5 day) your installation (physical version with live streaming).
- **Online presence** of your exhibit for 1 year (digital version).

Summer school

Programme: Online (6h, 1h per session) — February-May 2024

- **Day 1 (15/2/24)**: Introductions, share projects/interests.
- **Day 2 (29/2/24)**: Nick Wardlaw (Forestry England) / Michael Bell (Forest Research) presentation: Alice Holt.
- **Day 3 (21/3/24)**: Peter Batchelor (DMU) presentation: Installation art.
- **Day 4 (11/4/24)**: Hazel Stone (Forestry England) / Johana Knowles (Forestry England): Design recommendations.
- **Day 5 (2/5/24)**: Pitch your idea + feedback.
- **Day 6 (23/5/24)**: Initial prototypes + feedback.

Summer school

Programme: Onsite: (2 days, all-day session) – 19-20 June 2024

- **Day 1 (June 19, 2024):**
 - Fieldwork/exhibits location + Hands-on (morning).
 - Setting-up (afternoon).
 - 10 ephemeral exhibits are set up.
 - Pete's multichannel installation is set up.
- **Day 2 (June 20, 2024):**
 - Final setting-up/preparations (morning).
 - Launch of the exhibition (11.00-15.00, open event).
 - Closing (afternoon).
 - 10 ephemeral exhibits are dismantled - only online presence will remain on the exhibition website.
 - Pete's multichannel installation remains for 1 year with also online presence.

Summer school

Expenses covered

- **Materials:** £50 for low-fi materials.
- **Accommodation:** Accommodation for 2 nights + transport from accommodation to Alice Holt.
- **Hospitality provided:** Meals (breakfast/lunch).
- **Travel waivers:** Five £100 travel waivers will be available.

Summer school

Opportunities

- **Visibility of your work** on the project's website and Forestry England / Forest Research channels.
- **Further opportunities** to collaborate with Forestry England.
- **Visitors' engagement** (both in the on-site opening and during the 1-year online exhibition).
- **Get to meet and network with a nice community** of artists, scientists and makers!

Initial project ideas



Next session

Day 2 (February 29, 2024)

Nick Wardlaw (Forestry England)/

Michael Bell (Forest Research)

Alice Holt



Thank you!

Partners



Arts and
Humanities
Research Council



Queen Mary
University of London

centre for digital music



Collaborators

