

# 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



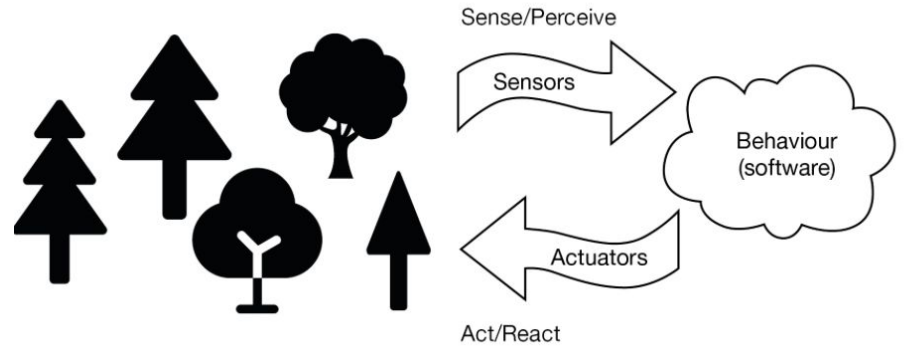
# Group Photo on Zoom





# 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?**



sensing  
the forest



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

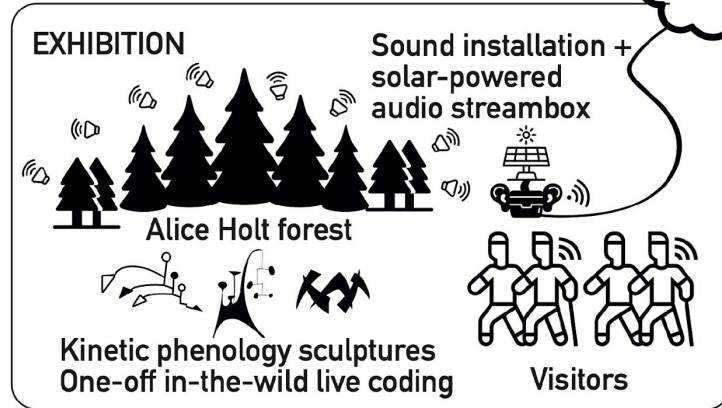
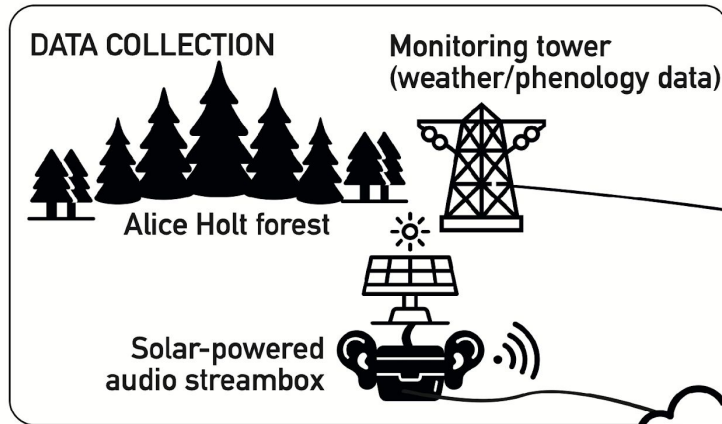
# AHRC Sensing the Forest

## Objective 1

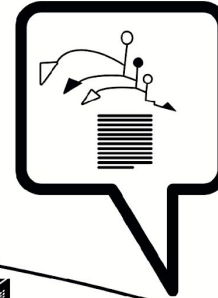
**Objective 1 (WP1): Artistic audio ecology intervention concerning forests and climate data (18.9.2023-29.6.2025).**

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



Internet

Clients

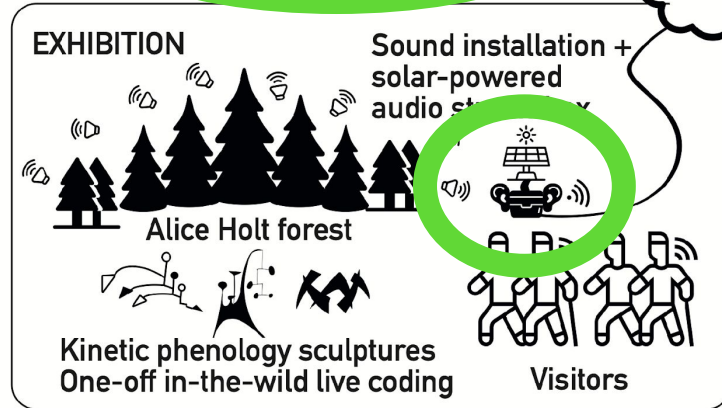
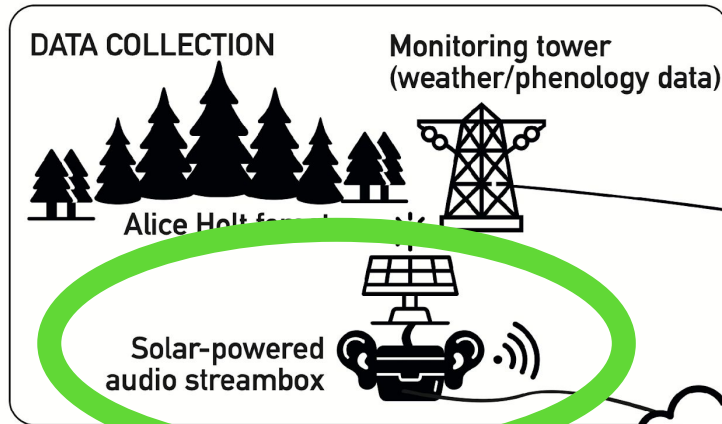
Live-coding composition & performance with AI

sensing  
the forest

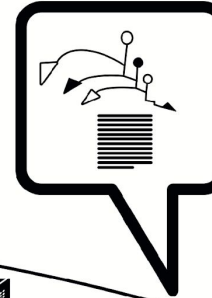


Johana Knowles

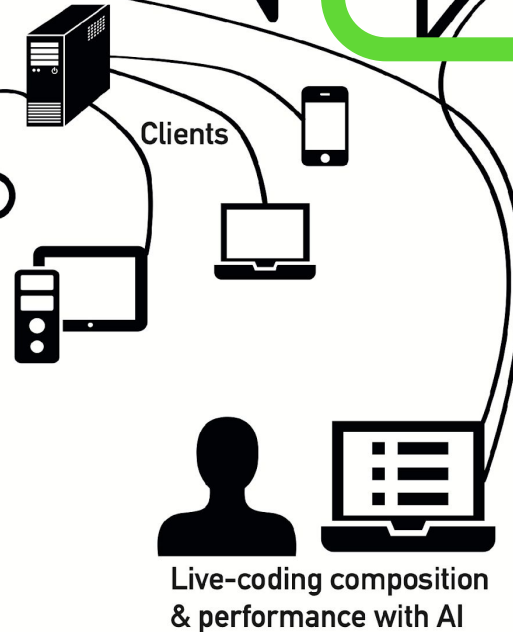
# Forest Intervention WP1



Off-site exhibition



Live soundscapes + sound recordings



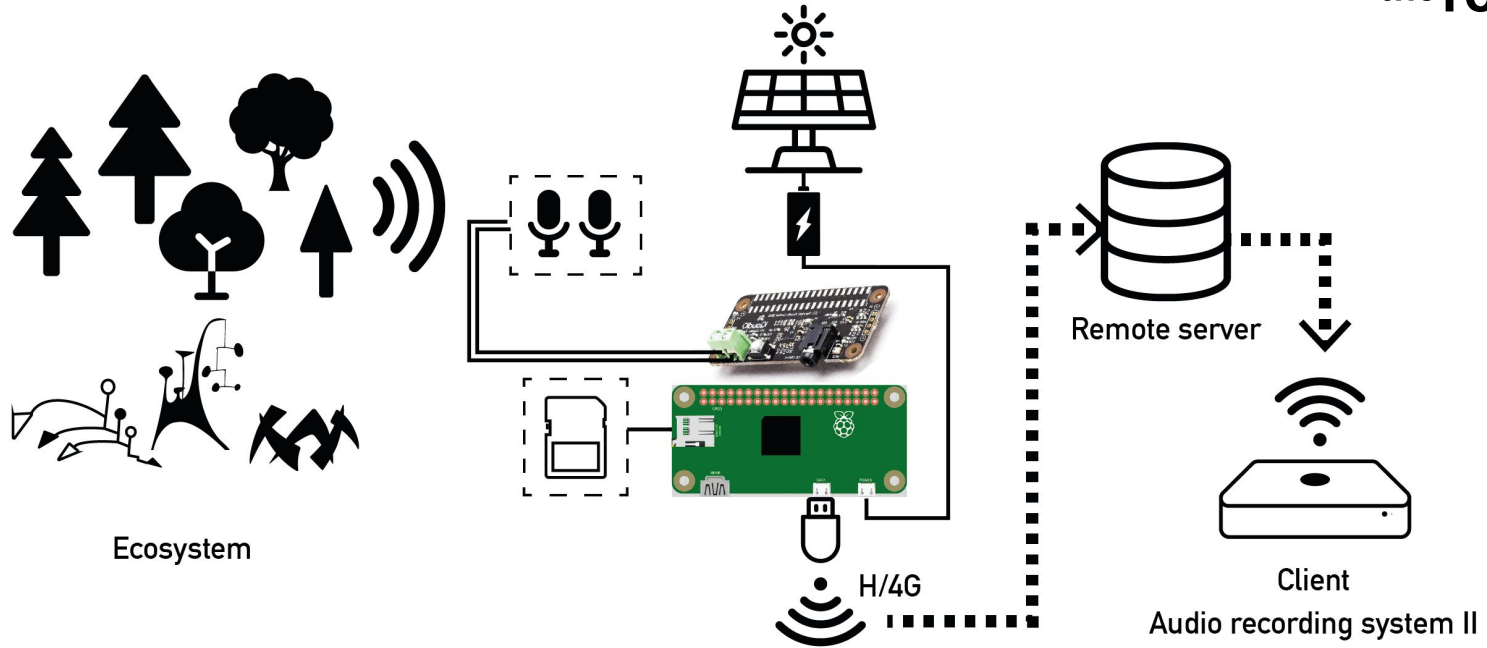
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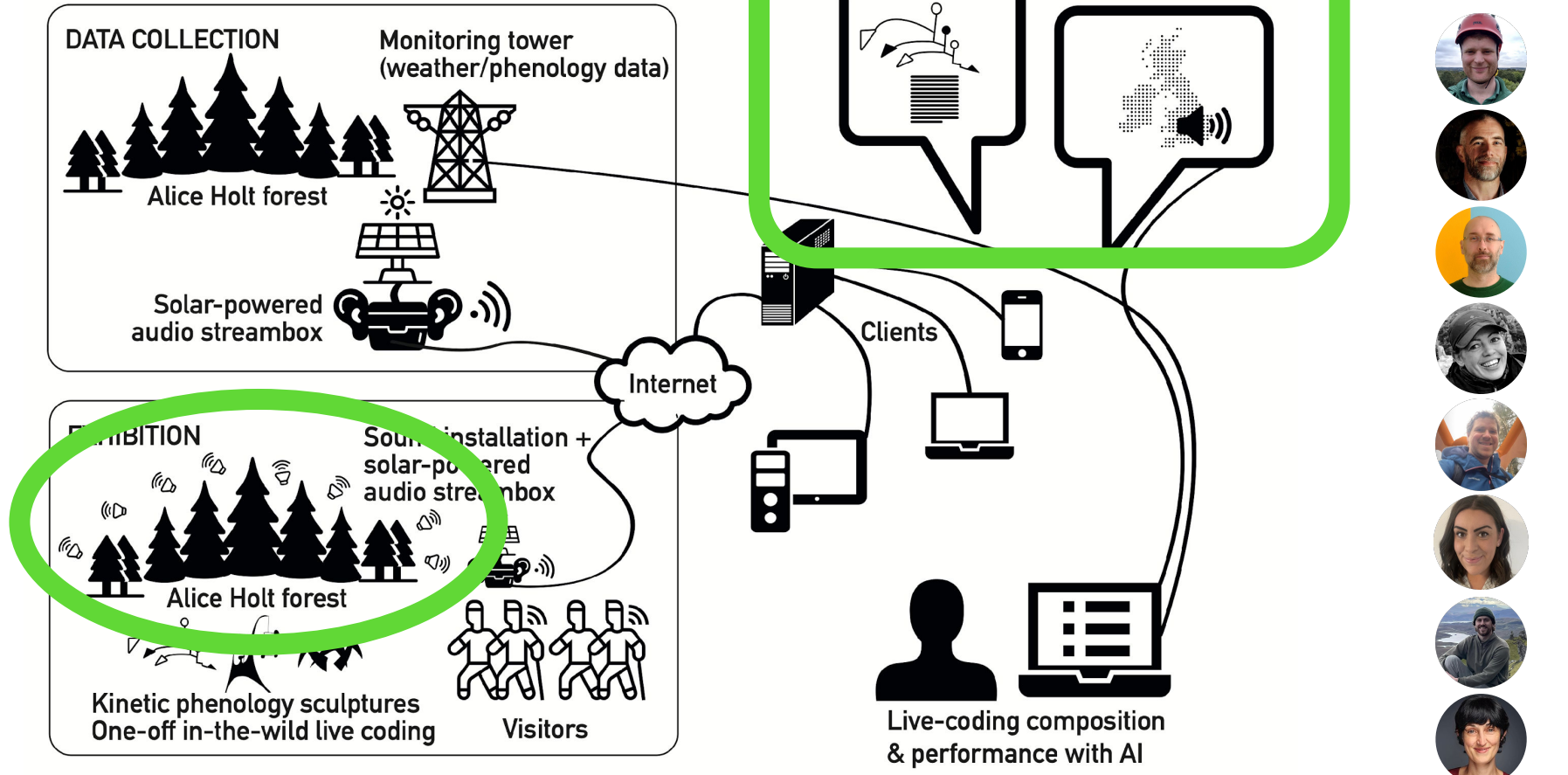


## 2x Audio streamers



Autonomous monitoring unit  
Audio recording system I & audio streamer

# Forest Intervention WP1



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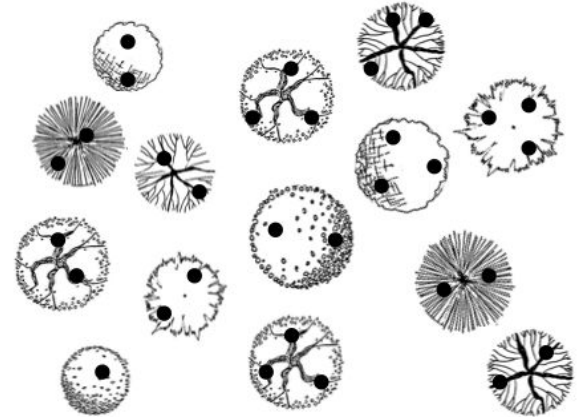
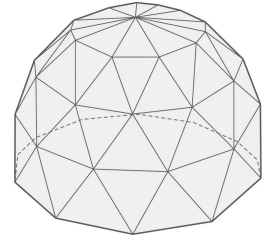
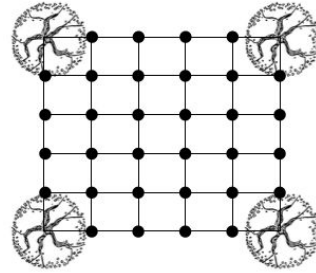
Johana Knowles



## Featured sound installation

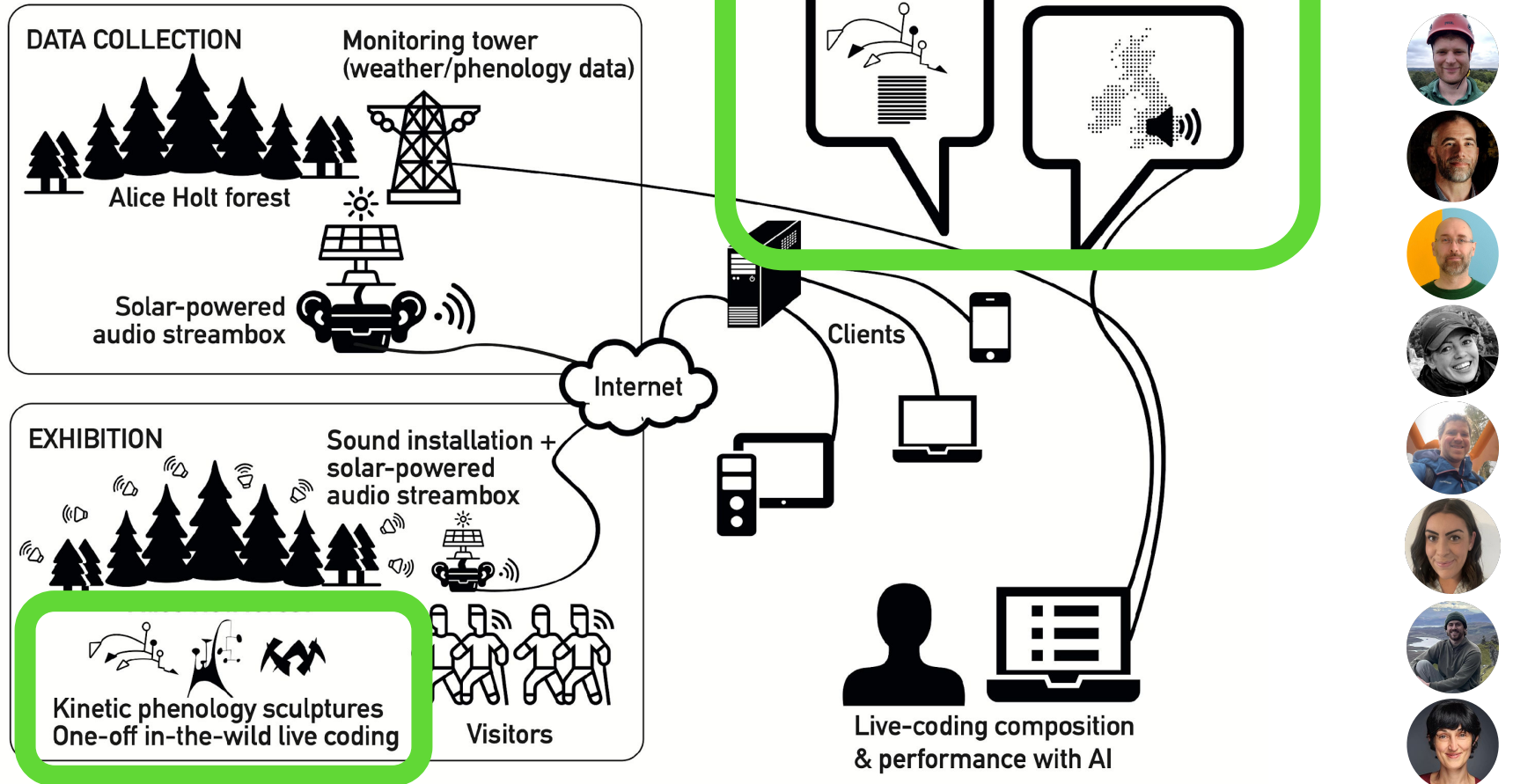
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- 32-channel installation
- one year duration
- suspended speakers (distributed | grid | dome)
- autonomous systems || ‘media multiplicity’
- linear data mapping || compositional interpretation
- data: carbon cycle, forest respiration
  - data sourcing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



# Forest Intervention WP1

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**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/](https://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



## Collaborators

