

# I.N.S.E.C.T.



## INTERSPECIES EXPLORATION BY BIODIGITAL MANUFACTURING TECHNOLOGIES

This is a living material prototype that lays out a design agenda for designing, thinking, fabricating multispecies and bio-inclusive architectures. We occupied OME of HBBE for the previous 9 days, exploring clay 3D printing, living mycelium, and textiles in order to foster the colonisation of insects and microorganisms. We have built our first prototype that will be incorporated into our everyday built settings, with a focus on insect and microbial life and tested a limited amount of processes that we worked with during the workshop.

As the microclimate is the fundamental link between the physical planning of any habitat (geometry, spatial arrangements, material compositions) and its receptivity to living organisms. Variation of microhabitats, suitable for biodiversity, are formed primarily as a result of microclimate fluctuations. We introduced a material monitoring system to measure the mycelium's response to environmental changes as well as its living habitats, particularly the response of local creatures in their ecosystems to huge mycelium bodies.

