Deadline to submit exhibits details: 30th May 2023 (MON)
Exhibit Setup date: 4th – 5th Sept 2023 (Mon&Tue)

Exhibits details on printing board:

Exhibit name	RP2-9: e-S.K.I.N. (Emergent Sensory Kinetic Immersive Network)	
Exhibit description (50 - 150 words) 143 words.	RP2-9 presents a video piece that showcases the initial prototype of e-S.K.I.N - an immersive, physical embodiment of three simultaneous coding systems: semantic, spatial and sensory/tactile. This pioneering research goes beyond the usual concept of 'input-output' in physical computing design. In this early stage, two water tanks housing a network of conductive steel hairs engage in an emergent, complex and adaptive exchange circuit involving a pump, camera, microphone and custom built softwares to produce an audiovisual output. It is driven by and interacts with different forms of digital inputs that are sourced by latticed AI networks acting as a perception matrix. Functioning as a representational display of complex, adaptive intelligent interaction, e-S.K.I.N. draws on the Common Octopus's intelligent form of data gathering, with emphasis on distributed processes. Wide commercial application expected: from textile design, through gaming assets to re-thinking policy on human-machine-interspecies co-evolution.	
Research project code	RP2-9	
Principal Investigator	Prof Johnny Golding (Head, Radical Matter Proto-Centre - SoAH, RCA)	
Collaborating Investigator		
Research Associates	Dr Jeremy Keenan (Postdoctoral Research Associate), Maggie Roberts (Senior Research Associate)	
Exhibit Image		

Set up details:

Exhibit Spec / Size	One 23 inch Imac computer secured on a table will screen a looped 7 minute video work documenting the e-S.K.I.N. installation - focusing on two glass tanks filled with water and housing kinetic conductive materials (curtains of steel threads), and the audiovisual output of the network. RP2.9's poster will be displayed behind it. The Imac power adapter, keyboard and mouse will be securely stored under the table. Installation size approx 1m width x 65cm height x 75cm depth (accounting for the table top dimensions).
Reference image for setup	
Remarks	Ideal space would involve a simple stable flat surface allowing circulating audience access on three sides with a wall or display board behind it on which the posters could be displayed. Space will be needed under the display area for keyboard etc and cables running the artwork. Power supply is essential.