FIGURE 1 STORY

Remove photos

Make novelty clearer

Show effect of different modalities

Park Fig. 1 as inspiration:

Pressure

Electrodes

For each new morphology

Funneling information at the brain level, rather than the sensor level

Field-based visualisations

Technical illustrator next steps

How do I then design my system to get the most useful information?

Only possible through generation of enormous datasets

Hydrogels as an enabling platform for multimodality

INFORMATION CONTENT

Humidity (Regression-based) (Regression-based) (Regression-based)

Number of Channels

Expand on this figure

How do data-driven channel selections compare to traditional analytic selections?

What is the best way to rank channels?

How do different modalities compare?

How do different morphologies compare?

Collect physical dataset **Determine best** channel rankings - For each modality - For general monitoring Use prior knowledge **General Monitoring Active Sensing Predictions** Predict where the Select most relevant stimulus is occuring channels Damage Continue until stimulus Metal is determined finished

TRANSFERABILITY

