

School: Bath School of Music and Performing Arts Researcher: Joseph Hyde Project Title: danceroom Spectroscopy 2.0 UOA: 33 - Music, Drama, Dance, Performing Arts, Film and Screen Studies

## **Research Questions**

How can music and sound contribute to our understanding of the interaction between molecular structures and an energy landscape?

How can these elements operate within a large scale immersive environment, capable of interacting simultaneously with large numbers of users?

How can such an environment function both as a public installation and as a tool for professional performers (here, dancers and musicians) in a staged performance?