



**School: Bath School of Music and Performing Arts**

**Researcher: Professor Joseph Hyde**

**Project Title: Sonification for Scientific Simulations**

**UOA: 33 - Music, Drama, Dance, Performing Arts, Film and Screen Studies**

## Research Timeline

Date	Rationale of research activities and decisions undertaken
02-04/01/2014	danceroom Spectroscopy 2.0 developed and premiered, with Hidden Fields dance performance, at Zentrum für Kunst und Medien (ZKM) in Karlsruhe, Germany - <a href="https://zkm.de/en/event/2014/01/danceroom-spectroscopy-and-hidden-fields">https://zkm.de/en/event/2014/01/danceroom-spectroscopy-and-hidden-fields</a>
19/03/2014	Glowacki, D. R., O'Connor, M., Calabro, G., Price, J., Tew, P., Mitchell, T., Hyde, J., Tew, D., Coughtrie, D. J. and McIntosh-Smith, S. (2014) A GPU-accelerated immersive audiovisual framework for interaction with molecular dynamics using consumer depth sensors. Faraday Discussions, 169. pp. 63-87. ISSN 1359-6640
01-02/03/2014	danceroom Spectroscopy at We Create Arts/Science weekend at the Barbican, London
06-07/06/2014	danceroom Spectroscopy in LAST Festival at Zero1, San Jose, CA
04-06/08/2014	danceroom Spectroscopy in Roche Continents, Salzburg Festival, Salzburg, Austria
26/08/2014	Mitchell, T., Hyde, J., Tew, P. and Glowacki, D. (2016) danceroom Spectroscopy: At the frontiers of physics, performance, interactive art and technology. Leonardo MIT Press, 49 (2). pp. 138-147. ISSN 0024-094X (cover article)
13/21/09/2014	danceroom Spectroscopy at Fort Mason Centre, San Francisco
15/02/2015	danceroom Spectroscopy at Bhutan International Festival
11/03/2015	danceroom Spectroscopy at Stanford Art Gallery, Stanford University

12-14/03/2015	danceroom Spectroscopy at Z-Space Theatre, San Francisco, with 6 performances of Hidden Fields dance piece
01/10/2017 – 01/02/2018	danceroom Spectroscopy, new version built as a long-term install, in 'The Box' Science/Arts space at We the Curious, Bristol, from 01/10/2017 – 01/02/2018. Open 7 days a week, with calculated footfall over 3 month period reported by We the Curious to be 69,945. <i>The brand new interactive exhibit Danceroom Spectroscopy in We The Curious, is the most beautiful and mesmerising thing to do in Bristol. Science really comes alive with dance and music to create a canvas of something quantum and molecular</i> (Chopsy Magazine). Information online at <a href="https://visitbristol.co.uk/whats-on/the-box-presents-interactive-scientific-danceroom-spectroscopy-making-the-invisible-visible-at-we-the-curious-p2358123">https://visitbristol.co.uk/whats-on/the-box-presents-interactive-scientific-danceroom-spectroscopy-making-the-invisible-visible-at-we-the-curious-p2358123</a>