

## Shaun Hendy



- Position: Professor
- Organization: Te Pūnaha Matatini, University of Auckland
- Economy: New Zealand

### Educational Background

- PhD in Physics, University of Alberta, Canada
- BSc(Hons) First Class in Mathematical Physics, Massey University, New Zealand

### Professional Career

- Director of Te Pūnaha Matatini, a Centre of Research Excellence for Complex Systems and Networks
- Professor of Physics, University of Auckland
- Industry and Outreach Fellow, Callaghan Innovation
- Industry and Outreach Fellow, Industrial Research Ltd (IRL)
- Professor of Computational Physics, VUW
- Distinguished Scientist, IRL
- Deputy Director, MacDiarmid Institute for Advanced Materials and Nanotechnology, VUW
- Principal Scientist, IRL
- Senior Scientist, IRL
- Senior Lecturer in Materials Science, School of Chemical and Physical Sciences, VUW
- Research Scientist, IRL

### Publications

- D. Vasques Filho, D. R. J. O'Neale and S. C. Hendy, "Local connections drive global structure for technological innovation", *Frontiers in Big Data* 4, 50 (2021).
- A. James, M. Plank, S. Hendy, R. Binny, A. Lustig, N. Steyn, A. Nesdale, and A. Verrall, "Successful contact tracing systems for COVID-19 rely on effective quarantine and isolation", [PLoS One 16 \(6\), e0252499 \(2021\)](#).
- N. Steyn, R. N. Binny, S. C. Hendy, A. James, A. Lustig, and M. J. Plank, "Managing the risk of a COVID-19 outbreak from border arrivals", [Journal of the Royal Society Interface 18, 20210063 \(2021\)](#).
- A. James, M. Plank, S. Hendy, R. Binny, A. Lustig, and N. Steyn "Model-free estimation of COVID-19 transmission dynamics from a complete outbreak", [PLoS One 16\(3\): e0238800 \(2021\)](#).
- S. C. Hendy, N. Steyn, A. James, M. J. Plank, K. Hannah, R. N. Binny, and A. Lustig, "Mathematical modelling to inform New Zealand's COVID-19 response", [Journal of the Royal Society of New Zealand 51\(1\) S86-S106 \(2021\)](#).