

[SORSE] Research Software and the Modelling of COVID-19 in the UK

Report of Contributions

Contribution ID: 1

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Research Software and the Modelling of COVID-19 in the UK

Wednesday, January 13, 2021 3:00 PM (1h 30m)

We are happy to welcome the following panelists:

- **Alys Brett** is Head of the Software Development Group at UKAEA and has coordinated the national RSE involvement in SCRC (Scottish COVID-19 Response Consortium), which is part of the broader Royal Society RAMP call to action. She has first-hand experience of quickly establishing projects that brought together RSEs and modellers from different backgrounds.
- **Dr. Richard Reeve** is co-director of the Boyd Orr Centre for Population and Ecosystem Health at the University of Glasgow and leads the modelling work of SCRC as a joint founder. As an academic researcher who also advocates within the RSE community, he offers a bridging perspective between RSEs and researchers and why their relationship is so important for projects like this.
- **Dr. Christopher Woods** is EPSRC RSE Fellow at the University of Bristol's Advanced Computing Research Centre and got involved in the MetaWards project near the beginning of the pandemic. Chris took a unique and well-documented approach of adopting the existing code and translating it into Python, which proved to be an effective way of building trust in the original software.
- **Dr. Lilith Whittles** is a Postdoctoral Researcher at the Department of Infectious Disease Epidemiology, Imperial College. Currently, she is applying her expertise in the mathematical modelling of disease transmission to the real-time modelling of the COVID-19 epidemic, working closely with RSEs to achieve this goal.
- **Dr. Rich Fitzjohn** runs the RESIDE group (Research Software for Infectious Disease Epidemiology) at Imperial College. He collaborated with Dr. Whittles directly to support the development of her model. His group has worked with epidemiologists in the MRC Centre for Global Infectious Disease Analysis for the last 5 years, including the response to previous Ebola outbreaks.

Session Classification: Panel