

**Samantha V. Adams** is a Senior Scientific Software Engineer in the LFRic team within the UK Met Office. She received the B.Sc. degree in mathematics and physics from The Open University, Milton Keynes, U.K., in 2003, and the M.Res. Degree (with Distinction) in computing and the Ph.D. degree in computational neuroscience from the University of Plymouth, Plymouth, U.K., in 2009 and 2013, respectively. Previously she worked as a Post-Doctoral Researcher in biologically inspired computing, encompassing Machine Learning and AI. Her current research interests are parallel I/O in weather and climate systems and applying Machine Learning to weather and climate data.

**Matthew Hambley** is a Scientific Software Engineer at the Met Office, who has worked as such in industry, academia and R&D labs.



**Mike Hobson** is an Expert Scientific Software Engineer at the Met Office. After working in the Boundary-Layer Research group, parallelising the flow-over-hills model, he held a number of other software engineering roles within the Met Office. Following work porting and optimising the Unified Model (UM) to run on different HPC platforms, he made the natural step to join the LFRic project team, developing the next generation weather and climate prediction model. He is currently responsible for the infrastructure within the LFRic model.



**Eike Müller** is a Lecturer in the Department of Mathematical Sciences at the University of Bath. He joined the department in September 2011 as a PostDoc to work with Prof. Rob Scheichl and to investigate the algorithmic and parallel scalability of solvers for very large elliptic partial differential equations in numerical weather and climate prediction as part of the NERC funded NGWCP programme. Previously he worked as a Scientist in the Atmospheric Dispersion Group at the Met Office from November 2009 to August 2011 and completed a PhD in Computational Particle Physics at the University of Edinburgh (UK) in September 2009.



**Andrew Porter** received his PhD in computational physics from the University of Cambridge, UK in 2000. Following a year working for a scientific consultancy, he joined the University of Manchester, UK. There he was the lead developer on the RealityGrid computational-steering framework, a component of the TeraGyroid project which won awards at both SC'03 and ISC 2004. Since 2007 Andrew has worked as a computational scientist at the Science and Technology Facilities Council's Hartree Centre, UK. He has several years of working on performance analysis and optimisation, particularly of earth-system model components. This has naturally led to an interest in achieving portable performance and the use of code parsing and generation technologies.



**Mike Rezny** has worked in the area of High Performance Computing since 1990, obtaining his PhD in 1995. Since then he has worked for NEC, Cray, and SGI in various roles as software manager, application support, porting, benchmarking, optimisation and training. In particular, he has concentrated on applications in the Earth Science areas. More recently he worked as a Model Framework Developer focusing specifically on the development on both the GungHo and LFRic projects.