

UKRI CLOUD WORKSHOP 2022 PROGRAMME



Timing	Plenary/Strand A Sessions Auditorium 2	Strand B Sessions Auditorium 1
09:15	Registration + Tea/Coffee	
10:15	Introduction	
10:25	Opening Plenary Chair: Cristin Merritt	
	Reaching the cloud – Steven Chapman, University of Bath	
	Question time	
10:55	Break – Tea/Coffee	
11:15	Session 1a – User Experiences Chair: Jay DesLauriers	Session 1b – User Experiences Chair: Cristin Merritt
	Transitioning research computing workloads to the cloud: A thematic approach at Cardiff University – Tom Green, Cardiff University	Global Symmetry is important for the detection of abnormality in mammograms – Cameron Kyle-Davidson, University of York
	On the creation of a secure ‘serverless’ workflow between a Mapbox frontend and a Salesforce backend for the Tekkatho Foundation – Mike Jones, Independent Researcher	Capturing a Moment in the Cloud Workshop: How our perception and use of cloud computing has changed over time – Wil Mayers, Alces Flight
	Reducing time-to-science with self-service HPC and AI platforms in the Azimuth portal – Matt Pryor, Stack HPC	Crawlers, Bots, Flows, Lambdas, Glues and Autopilots: Applying AI and ML to Radiological Sensor Networks for Safety and Security – Peter Martin, University of Bristol
	Question time	Question time
12:15	Lunch – Buffet	
13:30	Plenary (invited speakers) Chair: Cristin Merritt	
	Developing and using the UK Biobank Research Analysis Platform, a large-scale Trusted Research Environment – Oliver Gray and Przemyslaw Stempor, UK BioBank	
	CLIMB-COVID: Cloud Infrastructure to Support the UK’s Covid-19 Response – Radoslaw Poplawski and Nick Loman, University of Birmingham	
	Question time	



UKRI CLOUD WORKSHOP 2022 PROGRAMME



Timing	Plenary/Strand A Sessions - Auditorium 2	Strand B Sessions - Auditorium 1
14:15	Session 2a – Trusted Research Environments Chair: David Fergusson	Session 2b – HPC in the Cloud – Applications Chair: Stig Telfer
	TREEHOOSE: Trusted Research Environment and Enclave Hosting Open Original Scientific Exploration – Simon Li, University of Dundee	Twins in the Cloud: Simplifying the Deployment of Digital Twins for Manufacturing-as-a-Service – Jay DesLauriers, University of Westminster
	Data Safe Haven Classification and Trusted environments in the cloud: extending a Turing Django based application across multiple institutions – Rebecca Osselton, Newcastle University	An Introduction to DosNA: Distributed Numpy Arrays for High-performance cloud computing – Gabryel Mason-Williams, Rosalind Franklin Institute
	The Genes And Health TRE in the Google cloud – Vivek Iyer, Wellcome Sanger Institute	Maintaining versioned 3D digital designs using a hybrid and multi-cloud solution – Niall Kennedy, YellowDog
	Question time	Question time
15:15	Break – Tea/Coffee	
15:35	Session 3a HPC in Cloud Chair: Alex Dibbo	Session 3b Covid & Cloud Chair: Stephanie Thompson
	The PITHIA-NRF e-Science Centre – towards a Cloud-based Platform to support Ionosphere, Thermosphere, and Plasmasphere Research – Tamas Kiss, University of Westminster	Supporting UK Covid-19 surveillance with AWS Step Functions and Fargate at Wellcome Sanger Institute – Sam Proctor, Wellcome Sanger Institute
	King’s CREATE: a new research computing ecosystem and the journey so far – Matt Penn, King’s College London	Laying the groundwork for discovering the next novel coronavirus – Brendan Bouffler, Amazon Web Services
	Ensuring fairer access and reducing obstacles to research in fixed capacity clouds – Paul Browne, University of Cambridge & Pierre Riteau, Stack HPC	Cloud-based nonequilibrium simulations to investigate regulation and environmental effects in the SARS-CoV-2 spike protein – Sofia Oliveira, University of Bristol
	Question time	Question time
16:35	Reconvene in Auditorium 2...	
16:45	Final Plenary Chair: James Grant	
	Update – Justin O’Byrne, UKRI Digital Research Infrastructure	
17:05	Sum-up, feedback, next steps	
17:10	Reception – drinks, light refreshments – sponsored by Amazon Web Services	
18:00	Close	

