

**Day 1: Wednesday 26 April**

10:00 – 10:50	<b>Registration &amp; coffee</b>		Great Hall
10:50 – 11:00	<b>Housekeeping and welcome</b>		Bramall Concert Hall
	Speakers:	Kirstie Whitaker and Chris Holmes	
	Audience:	Everyone working within the AIM investment.	
11:00 – 11:45	<b>Plenary Panel</b>	<b>Bringing the Lived Experience into Research, Policy and Practice</b> In this first session we will seek to (re)inspire and engage all attendees around the purpose of their work within AIM: to improve the lives of people affected by MLTCs and to deliver meaningful impact at a systemic level.	Bramall Concert Hall
	Speakers:	Living with Multiple Long-Term Conditions: Victoria Bartle	
	Discussion:	From individual experiences to populations - Translating research to a system level	
	Chair:	Monica Fletcher	
	Panellists:	Aziz Sheikh and Victoria Bartle	
	Audience:	Everyone working within the AIM investment, particularly researchers at all career stages and from all backgrounds.	
11:45 – 12:00	<b>Comfort break</b>		Bramall 1 <sup>st</sup> Floor Foyer
12:00 – 13:00	<b>Presentations</b>	<b>AIM Consortia lightning talks</b> A rapid overview of each of the seven AIM research consortia outlining their current and planned research priorities relating to data science and multiple long-term conditions. Each talk has a 7 minute slot and should be designed for a broad audience and to focus on the potential impact of the work for people living with MLTCs.	Bramall Concert Hall
	Speakers:	AIM CISC: Guillermo Romero Moreno OPTIMAL: Thomas Jackson DECODE: Thomas Jun DynAIRx: Lauren Walker Cluster-AIM: Hajira Dambha-Miller MELD-B: Simon Fraser AI MULTIPLY: Michael Barnes and Nick Reynolds	
	Chair:	Kirstie Whitaker	
	Audience:	Everyone working within the AIM investment.	

13:00 – 14:00	<b>Lunch &amp; poster displays</b>	All posters welcome. They can be prospective plans, data from related project work, or current results from AIM consortia projects.	Great Hall
14:00 – 15:30	<b>Breakout session 1</b>	<p><b>Influencing policy, practice and funding</b>  A discussion on how AIM consortia and the RSF can work together to ensure that key findings and outputs reach policy makers, funders and practitioners to support ongoing change and continued investment beyond the AIM programme.</p> <p>Facilitators: Aziz Sheikh, Mon Fletcher and Esther Ingram</p> <p>Audience: Lead investigators and anyone working on articulating the impact of consortia outputs</p>	Senate Chamber
	<b>Breakout session 2</b>	<p><b>AI approaches and methodologies across AIM</b>  A discussion to map the different applications of AI methods across AIM investments with a goal of identifying similarities and articulating nuanced differences across AIM consortia projects.</p> <p>Facilitators: Chris Orton and Ashley Akbari, Mike Barnes, Christopher Yau , Asra Aslam and Nisreen Alwan</p> <p>Audience: Technical leads, statisticians, data intensive researchers across the AIM consortia</p>	Bramall Concert Hall
	<b>Breakout session 3</b>	<p><b>PPIE Community Connections</b>  A space for PPIE leads and contributors from across the AIM consortia to connect with each other and identify synergies and points of collaboration across the projects</p> <p>Chairs: Sophia Batchelor, Lynsey Cross &amp; Lynne Wright</p> <p>Audience: PPIE leads, AIM consortia members who are experts by experience</p>	Great Hall
15:30 – 16:00	<b>Coffee break</b>		Great Hall
16:00 – 17:00	<b>Group meetings</b>	<p><b>Consortia and RSF team meetings</b>  A space for project teams to connect and to reflect on progress so far. This time is reserved for PIs to use as they prefer.</p>	
17:00 – 19:00	<b>Free Time</b>		
19:00 – 22:00	<b>Dinner</b>		Botanical Gardens

**Day 2: Thursday 27 April**

9:00 – 9:30	<b>Registration &amp; coffee</b>		Great Hall
9:30 – 10:15	<b>Keynote</b>	<b>AI as a medical device</b>  Speaker: Paul Campbell, Senior Clinical Advisor (Software), MHRA  Chair: Chris Holmes  Audience: All researchers across AIM investment	Bramall Concert Hall
10:15 – 10:30	<b>Comfort break</b>		Bramall 1 <sup>st</sup> Floor Foyer
10:30 – 12:00	<b>Discussion session</b>	<b>AI for MLTCs Bazaar</b> An interactive discussion session where small groups can discuss topics of interest to conference attendees as curated in the registration process. The session will be split into 15 minute segments and attendees will have the opportunity to network and problem solve with colleagues across the AIM investment.  Facilitator: Kirstie Whitaker  Audience: Everyone working within the AIM investment	Bramall Concert Hall
12:00 – 13:00	<b>Lunch</b>		
13:00 – 14:00	<b>Breakout session 1</b>	<b>Selfish reasons to work FAIRly and reproducibly</b> An opportunity to explore the ways in which working in a FAIR and reproducible manner can help individual researchers. The session will provide an introduction to reproducibility and the FAIR principles and discuss how they're similar, how they're different and how they can make your life as a researcher easier. There will also be an opportunity for participants to share the challenges they have encountered (or anticipate) when working FAIRly and reproducibly.  Speaker: Professor Florian Markowetz  Facilitators: Evelina Gabasova and Eirini Zormpa  Audience: Researchers working hands-on with data and analysis code. No prior knowledge of FAIR or reproducible ways of working will be required	Bramall Concert Hall

**Breakout session 2**      **Synthetic data: training people and models**      Great Hall

An introduction to synthetic data: definitions, example use-cases, data privacy, data governance. Synthetic data can be used to support AI research, from simply getting familiar with data structures and developing prototype code (training people) to training machine learning models that go on to be applied to specific scientific questions. Applications relevant to the AIM consortia will be used where possible, for example synthetic data approaches within CPRD and SAIL Databank.

Facilitators: Ann-Marie Mallon, Rachael Stickland and Mahwish Mohammad

Speakers: Rachael Stickland, Mahwish Mohammad, Chris Orton

Audience: Researchers working hands-on with data or involved in data governance

**Breakout session 3**      **Engaging with industry to translate research to innovation**      Senate Chamber

Lessons learned from health industry experts in developing and deploying AI and data-intensive solutions into the health and social care system in the UK.

Panellists: Yajing Zhu & Krish Nirantharakumar, Paul Campbell and Russell Pearson

Chair: Katerina Payne

Audience: Lead investigators and anyone working on translating research outputs to deployment in practice.

14:00 – 14:30      **Coffee Break**      Great Hall

14:30 – 15:30	<b>Breakout session 1</b>	<p><b>How to publish FAIR research outputs</b></p> <p>This session will expand the definition of "research output" to go beyond a research paper to software and data outputs, and will cover how to publish these outputs in accordance with the FAIR principles. This will be a practical session with information and tips on how to select a suitable repository, document and license the output properly, and publish a useful resource for other researchers to benefit from (and cite!)</p> <p>Facilitators: Evelina Gabasova and Eirini Zormpa</p> <p>Audience: Researchers working hands-on with data and analysis code. No prior knowledge of FAIR or reproducible ways of working will be required</p>	Bramall Concert Hall
	<b>Breakout session 2</b>	<p><b>Synthetic data: applications across the AIM consortia</b></p> <p>Attendees will take part in small group discussions about how synthetic data could help their current or future research, discussing the opportunities and challenges that come with using synthetic data within research.</p> <p>Facilitators: Ann-Marie Mallon, Rachael Stickland and Mahwish Mohammad</p> <p>Audience: Researchers working hands-on with data or involved in data governance.</p>	Great Hall
	<b>Breakout session 3</b>	<p><b>Future funding opportunities for AIM &amp; MLTC research</b></p> <p>A presentation and discussion on funding opportunities at all career stages for MLTC research.</p> <p>Facilitator: Mario Moroso</p> <p>Audience: Lead investigators and early career researchers looking to develop their research leadership portfolio</p>	Senate Chamber
15:30 – 16:00	<b>Closing remarks</b>		