

## Data-centric materials science and engineering Structured representations for sensing, approximation and learning 14 – 15 May 2019

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### University of Manchester

### Agenda

#### Tuesday 14<sup>th</sup> May

10:30 – 10:45	Registration and Coffee
<b>10:45 – 10:50</b>	<b>Introduction, Phillip Withers</b>
11:00 – 11:45	Primer on Microstructure and Imaging, Philip Withers
11:20 – 11:50	Primer on digital image processing techniques / pattern recognition, Tim Cootes
<b>11:50 – 12:55</b>	<b>Short Talks:</b>
11:50 – 12:05	Tim Cootes
12:05 – 12:20	Joshua Franz Einsle
12:20 – 12:35	Clyde Fare
12:35 – 12:50	Chris Race
12:50 – 13:30	Lunch
<b>13:30 – 14:45</b>	<b>Short Talks:</b>
	13:30 – 13:45: Prof. Nick Higham
	13:45 – 14:00: Louise Wright
	14:00 – 14:15: Dr Patrick Rubin Delanchy
	14:15 – 14:30: Prof. Jianxin Pan
	14:30 – 14:45: Dr Catherine Powell
14:45 – 15:15	Coffee
15:15 – 16:15	Breakout Session
16:15 – 17:15	Open Panel Discussion
19:00	Dinner

#### Wednesday 15 May

9:00 – 10:00	<b>Plenary, Mark Girolami</b>
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10:00 – 10:15	Coffee
10:15 – 10:45	Primer on high throughput materials testing and materials informatics, Iain Todd
10:45 – 11:15	Primer on Multi-scale modelling, techniques, gaps and challenges + digital twinning, Hector Basoalto
11:15 – 12:15	<b>Short Talks:</b> 11:15 – 11:30: HVM Catapult 11:30 – 11:45: Giles Aldrich-Smith 11:45 – 12:00: Rob Ackers 12:00 – 12:15: Keith Butler
12:15 – 12:45	Lunch
12:45 – 13:45	<b>Short Talks:</b> 12:45 – 13:00: Dr Tim Dodwell 13:00 – 13:15: Dr Din-Huon Lau 13:15 – 13:30: Dr Andrew Duncan 13:30 – 13:45: Dr Luke Mason
13:45 – 14:45	Breakout Session
14:45 – 15:00	Coffee
15:00 – 16:00	Open Panel Discussion