

Sunday 28th July 2019 – Welcome Reception

18:30 – 21:00

Registrations – Dinner

Monday 29th July 2019 – Morning Session

8:00 – 8:40

Registrations – Tea/Coffee

Pentland East - West

8:40 – 9:00

Opening Ceremony

9:00 – 9:45

Plenary: Prof. L.-S. Fan

Chemical looping gasification, reforming and chemical syntheses: Particle technology perspectives

9:45 – 10:30

Plenary: Prof. J. Qiu

Design and production of functional carbon materials for energy storage

10:30 – 11:00

Tea/Coffee – Poster Viewing

Session 1: Pentland East

Session 2: Pentland West

Session 3: Prestonfield

Multiscale and multiphase modelling and simulation

Powder processing and manufacture

IChemE Young Researcher Award

11:00 – 11:20

Abs 25 – W. Liu

Abs 96 – D. Macri

Welcome Talk

11:20 – 11:40

Abs 31 – T. Hurst

Abs 108 – K. Wu

Abs 14 – X. Zhu

11:40 – 12:00

Abs 26 – X. Liu

Abs 160 – J. Yu

Abs 28 – L. Meng

12:00 – 12:20

Abs 146 – M. Sousani

Abs 56 – Y. Yang

Abs 40 – J. Hu

12:20 – 12:40

Abs 133 – Y. He

Abs 167 – H. Fan

Abs 74 – M. T. Hasan

12:40 – 14:00

Lunch – Poster Viewing

Monday 29th July 2019 – Afternoon Session

	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Multiscale and multiphase modelling and simulation	Particle technology in engineering applications	ICHEME Young Researcher Award
14:00 – 14:30	Keynote: Prof. C.-H. Wang	Keynote: Prof. M. Tavares	
14:30 – 14:50	Abs 82 – T. Barker	Abs 29 – H. Zhao	Abs 131 – F. Alemi
14:50 – 15:10	Abs 87 – X. Chen	Abs 38 – W. Wang	Abs 119 – K. Wu
15:10 – 15:30	Abs 85 – A. Hobbs	Abs 44 – K. Luo	Abs 126 – W. P. Goh
15:30 – 15:50	Abs 94 – Q. Hou	Abs 81 – J. Ma	Abs 112 – L. Yang/ Abs 151 – B. Soltanbeigi
15:50 – 16:10	<i>Tea/Coffee – Poster Viewing</i>		
	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Multiscale and multiphase modelling and simulation	Particle technology in engineering applications	Powder processing and manufacture
16:10 – 16:40	Keynote: Dr J. Sun	Keynote: Dr M. Sakai	Keynote: Prof. S. Yang
16:40 – 17:00	Abs 115 – L. Ceresiat	Abs 156 – D. Yang	Abs 66 – R. Tweedie
17:00 – 17:20	Abs 111 – R. Yang	Abs 137 – D. Sun	Abs 71 – Q. Zhu
17:20 – 17:40	Abs 98 – L. G. Wang	Abs 60 – Q. Tu	Abs 73 – J. Li
18:20 – 18:30	Prof. R. Williams (Principal and Vice-Chancellor of Heriot-Watt University)		
18:30 – 21:00	<i>Dinner (sponsored by Heriot-Watt University)</i>		

Tuesday 30th July 2019 – Morning Session

8:00 – 9:00	<i>Registrations – Tea/Coffee</i>		
	Pentland East - West		
9:00 – 9:45	Plenary: Prof. J. Litster <i>Model driven design of particulate products and processes</i>		
9:45 – 10:30	Plenary: Prof. H. Kuipers <i>Dense gas-particle flows with wet particle-particle interaction: A multi-scale approach</i>		
10:30 – 11:00	<i>Tea/Coffee – Poster Viewing</i>		
11:00 – 11:40	Poster Session – Viewing and Voting		
	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Geotechnical and environmental applications and processes	Multiscale and multiphase modelling and simulation	Particle design, characterisation and measurement
11:40 – 12:00	Abs 30 – Y. Wang	Abs 123 – C. Zheng	Abs 15 – Y. Han
12:00 – 12:20	Abs 86 – J. Keishing	Abs 144 – S. Wang	Abs 32 – F. Hossein
12:20 – 12:40	Abs 148 – L. He	Abs 36 – X. Li	Abs 39 – M. Jiang
12:40 – 13:00	Abs 152 – S. Pantaleev	Abs 63 – H. Jin	Abs 135 – D. Williams
13:00 – 14:00	<i>Lunch – Poster Viewing</i>		

Tuesday 30th July 2019 – Afternoon Session

	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Particle technology in engineering applications	Multiscale and multiphase modelling and simulation	Powder processing and manufacture
14:00 – 14:30	Keynote: Prof. S. Heinrich	Keynote: Prof. S. Luding	Keynote: Dr M. Ramaioli
14:30 – 14:50	Abs 116 – P. Nwufoh	Abs 153 – S. Ji	Abs 127 – M. Yu
14:50 – 15:10	Abs 162 – W. Bi	Abs 157 – W. Ge	Abs 164 – P. G.-Trinanes
15:10 – 15:30	Abs 54 – Y. Zhao	Abs 42 – D. McGlinchey	Abs 166 – D. Braile
15:30 – 15:50	Abs 21 – Z. Yan	Abs 37 – M. Dong	Abs 154 – K. Chu
15:50 – 16:10	<i>Tea/Coffee – Poster Viewing</i>		
	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Particle technology in engineering applications	Multiscale and multiphase modelling and simulation	Particle design, characterisation and measurement
16:10 – 16:40	Keynote: Dr J. Heng	Keynote: Dr J. Xu	Keynote: Prof. C. Müller
16:40 – 17:00	Abs 117 – G. Wellio	Abs 120 – S. Dissanayake	Abs 114 – V. Garg
17:00 – 17:20	Abs 45 – K. Xi	Abs 48 – W. Wang	Abs 124 – F. Li
17:20 – 17:40	Abs 128 – X. Wang	Abs 17 – X. Liu	Abs 145 – V. Karde
18:30 – 21:00	<i>Gala Dinner (sponsored by DEM Solutions Ltd.) Poster and IChemE YRA prize ceremony</i>		

Wednesday 31st July 2019

8:00 – 9:00	<i>Registrations – Tea/Coffee</i>		
	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Particle design, characterisation and measurement	Particle design, characterisation and measurement	Multiscale and multiphase modelling and simulation
9:00 – 9:30	Keynote: Prof. F. Wei	Keynote: Dr J. P. Morrissey	Keynote: Prof. M. Liu
9:30 – 9:50	Abs 51 – X. Cai	Abs 69 – Z. Su	Abs 57 – X. Shi
9:50 – 10:10	Abs 78 – M. Reed	Abs 79 – A. Mahmoud	Abs 88 – Y.-C. Chung
10:10 – 10:30	Abs 165 – M. Lupo	Abs 161 – J. Fang	Abs 129 – Y. Cui
10:30 – 11:00	<i>Tea/Coffee – Poster Viewing</i>		
	Session 1: Pentland East	Session 2: Pentland West	Session 3: Prestonfield
	Emerging technologies and novel engineering applications	Particle design, characterisation and measurement	Multiscale and multiphase modelling and simulation
11:00 – 11:20	Abs 68 – S. Zhang	Abs 105 – W. Zhou	Abs 147 – Z. Ou
11:20 – 11:40	Abs 110 – Y. Xu	Abs 65 – H. Jolliffe	Abs 130 – X. Wang
11:40 – 12:00	Abs 121 – V. Francia	Abs 148 – Q. Zhou	Abs 150 – L. He
12:20 – 12:40	Abs 122 – C. Maliska Jr	Abs 13 – J. Wang	Abs 84 – J. Yang
12:40 – 13:00	Abs 142 – S. Iannello		Abs 106 – C. Yuan
13:00 – 14:00	<i>Lunch – Poster Viewing</i>		
	Pentland East - West		
14:00 – 14:45	Plenary: Prof. J. Curtis <i>Using DEM to develop constitutive models for CFD simulations of aspherical particulate flow mixtures</i>		
14:45 – 15:00	Closing Ceremony		