LightMAT 2019 - Programme structure

Tuesday, 5th November 2019

Time	Pendulum Suite	Cotton Theatre	Graphene 1	Graphene 2
10:00 - 12:00	Registration & Poster Mounting			
12:00 - 12:10	Opening Address *(Pioneer Theatre)*			
12:10 - 12:50	***Plenary Speaker*** **On the design of high strength aluminium alloys** Professor Nick Birbilis *Australian National University* *(Pioneer Theatre)*			
12:50 - 13:30	***Plenary Speaker*** **Tailoring solute interactions, from clustering to precipitation, for the design of Aluminium alloys** Prof. M. Alexis Deschamps *Université Grenoble Alpes* *(Pioneer Theatre)*			
13:30 - 14:00	Coffee Break *(Pioneer Room)*			
14:00 - 15:40	**E - Characterization and testing** E.1: Session 1	**LF – Special Topic - Light Metal Forming** LF.1: Titanium alloys	**AM - Additive Manufacture** AM.1: Session 1	**A - Processing** A.1: Session 1
15:40 - 16:10	Coffee Break *(Pioneer Room)*			
16:10 - 16:50	***Plenary Speaker*** **New innovative lightweight materials technology for aerospace application** Dr. Blanka Lenczowski *Airbus* *(Pioneer Theatre)*			
16:50 - 16:55	**5 Minutes to change the room**			
16:55 - 18:35	**E - Characterization and testing** E.2: Session 2	**LF – Special Topic - Light Metal Forming** LF.2: Ductility in wrought and cast materials	**AM - Additive Manufacture** AM.2: Session 2	**A - Processing** A.2: Session 2

Wednesday, 6th November 2019

Time	Pendulum Suite	Cotton Theatre	Graphene 1	Graphene 2
08:30 - 09:10	***Plenary Speaker*** **Microplasticity of magnesium alloys** Dr. Teresa Perez-Prado *IMDEA, Madrid* *(Pioneer Theatre)*			
09:10 - 19:15	**5 Minutes to change the room**			
09:15 - 10:35	**E - Characterization and testing** E.3: Session 3	**LF – Special Topic - Light Metal Forming** LF.3: Materials modelling and design	**AM - Additive Manufacture** AM.3: Session 3	**F - Computational materials design and engineering** F.1: Session 1
10:35 - 11:05	Coffee Break *(Pioneer Room)*			
11:05 - 12:25	**E - Characterization and testing** E.4: Session 4	**LF – Special Topic - Light Metal Forming** LF.4: Hot forming of aluminium alloys 1	**AM - Additive Manufacture** AM.4: Session 4	**F - Computational materials design and engineering** F.2: Session 2
12:25 - 13:30	Lunch *(Pioneer Room)*			
13:30 - 14:10	***Plenary Speaker*** **Additive Manufacturing of Innovative Light Metal Products** Prof. Dr.-Ing. Christoph Leyens *Technische Universität Dresden* *(Pioneer Theatre)*			
14:10 - 14:15	**5 Minutes to change the room**			
14:15 - 15:35	**E - Characterization and testing** E.5: Session 5	**LF – Special Topic - Light Metal Forming** LF.5: Hot forming of aluminium alloys 2	**C - Alloy Development** C.1: Session 1	**F - Computational materials design and engineering** F.3: Session 3
15:35 - 15:40	**5 Minutes to change the room**			
15:40 - 16:40	Extended Coffee Break & Poster presentation *(Pioneer Room)*			
16:40 - 18:00	**E - Characterization and testing** E.6: Session 6	**B - Applications and performance** B.1: Session 1 – Mechanical performance	**C - Alloy Development** C.2: Session 2	**F - Computational materials design and engineering** F.4: Session 4
19:30 - 22:30	Conference Dinner *@ The Albert Square Chop House*			

Thursday, 7th November 2019

Time	Pendulum Suite	Cotton Theatre	Graphene 1	Graphene 2
08:30 - 09:10	***Plenary Speaker*** **Evolution of environment-induced cracking in commercial aluminum alloys: Crack arrest or growth?** Dr. Henry Holroyd Luxfer *(Pioneer Theatre)*			
09:10 - 09:15	**5 Minutes to change the room**			
09:15 - 10:35	**E - Characterization and testing** E.7: Session 7	**B - Applications and performance** B.2: Session 2 – Stress corrosion	**C - Alloy Development** C.3: Session 3	**D - Joining, Repair, and Multi-material designs** D.1: Session 1
10:35 - 11:05	Coffee Break *(Pioneer Theatre)*			
11:05 - 12:25	**E - Characterization and testing** E.8: Session 8	**B - Applications and performance** B.3: Session 3 – surface finishing	**C - Alloy Development** C.4: Session 4	**D - Joining, Repair, and Multi-material designs** D.2: Session 2
12:25 - 12:30	**5 Minutes to change the room**			
12:30 - 13:10	***Plenary Speaker*** **Light metals – industrial requirements for new alloys, process routes and improved predicative capability** Prof. David Rugg *Rolls Royce* *(Pioneer Theatre)*			
13:10 - 13:30	Closing Remarks *(Pioneer Theatre)*			