

ICCM20 Scientific Program at a glance - Version 1

MONDAY 20 July

	Hall A1	Auditorim 15	Auditorium10	Auditorium 11	Auditorium 12	Meeting Room 18	Meeting Room 19	Meeting Room 20	Meeting Room 17	Meeting Room 16	Meeting Room 5
8.30 - 8.50	<i>Opening Ceremony</i>										
8:50 -9:40	<i>Ramesh Talreja</i>										
9:45 - 10:15	Coffee / Exhibition										
10:15 - 12:05	1-3: Processing - Manufacturing Technology 1	2-11: Nano Composites 1	7-5: Multifunctional Composites - Sensing and Actuation 1	3-5: Fatigue 1	4-5: Structural Analysis and Optimization 1	1-4: Processing - Preforming Technologies	1-1: Process Modelling 1	2-8: Biocomposites 1	2-4: Interfaces and Interphases 1	2-7: Ceramic Matrix Composites	2-9: Textile-Based Composites and Fibre Architecture 1
12.10 - 13:30	LUNCH										
13:30 -14:55	INDUSTRY SESSION										
15:00 - 16.20	1-3: Processing - Manufacturing Technology 2	2-11: Nano Composites 2	7-5: Multifunctional Composites - Sensing and Actuation 2	3-5: Fatigue 2	4-5: Structural Analysis and Optimization 2	1-2: Process Induced Effects 1	1-1: Process Modelling 2	2-8: Biocomposites 2	2-4: Interfaces and Interphases 2	2-5: Foams, Cellular and Lattice Materials 1	2-9: Textile-Based Composites and Fibre Architecture 2
16:20 - 16:40	Coffee / Exhibition										
16:40 - 18:00	1-3: Processing - Manufacturing Technology 3	2-11: Nano Composites 3	7-5: Multifunctional Composites - Sensing and Actuation 3	3-5: Fatigue 3	4-5: Structural Analysis and Optimization 3	1-2: Process Induced Effects 2	1-1: Process Modelling 3	2-8: Biocomposites 3	2-4: Interfaces and Interphases 3	2-5: Foams, Cellular and Lattice Materials 2	2-9: Textile-Based Composites and Fibre Architecture 3
	Meeting Room 6	Meeting Room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center tage
8.30 - 8.50											
8:50 -9:40											
9:45 - 10:15											
10:15 - 12:05	2-12: Graphene, Graphene-Based Composites 1	3-10: Dynamic Material Behaviour	3-1: Fracture and Damage - Micromechanics 1	3-3: Fracture and Damage - Laminate Scale 1	3-4: Fracture and Damage - Delamination 1	3-9: Constitutive Models 1	4-3: Joints - Design, Manufacturing and Testing 1	6-10: In-situ Micro-Mechanical Testing	5-5: Applications - Offshore and Subsea	7-4: Multifunctional Composites - Energy Storage and Harvesting 1	
12.10 - 13:30											
13:30 -14:55											<i>Industry Session</i>
15:00 - 16.20	2-12: Graphene, Graphene-Based Composites 2	6-2: X-ray Computed Tomography 1	3-1: Fracture and Damage - Micromechanics 2	3-3: Fracture and Damage - Laminate Scale 2	3-4: Fracture and Damage - Delamination 2	3-9: Constitutive Models 2	4-3: Joints - Design, Manufacturing and Testing 2	5-8: Applications - Aerospace 1	5-4: Applications - Automotive and Rail 1	7-4: Multifunctional Composites - Energy Storage and Harvesting 2	5-11: Workshop: Applications - Industry Needs 1
16:20 - 16:40											
16:40 - 18:00	2-12: Graphene, Graphene-Based Composites 3	6-2: X-ray Computed Tomography 2	3-1: Fracture and Damage - Micromechanics 3	3-3: Fracture and Damage - Laminate Scale 3	3-4: Fracture and Damage - Delamination 3	3-9: Constitutive Models 3	4-3: Joints - Design, Manufacturing and Testing 3	5-8: Applications - Aerospace 2	5-4: Applications - Automotive and Rail 2	7-4: Multifunctional Composites - Energy Storage and Harvesting 3	5-11: Workshop: Applications - Industry Needs 2

	Meeting Room 6	Meeting Room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage
8:30 -9:25											
9:30 - 10:50	2-12: Graphene, Graphene-Based Composites 6	2-3: Matrix Materials 1	3-2: Fracture and Damage - Materials Scale 1	3-7: Models Homogenization – Micro to Macro 1	3-13: Nanocomposites for Structural Lightweight - Modelling and Testing 1	2-14: Ductile and Pseudo-ductile Composites 2	4-6: Fire Resistance 1	5-8: Applications - Aerospace 5	6-1: New Structural Testing Methods 1	AFOSR 7	Tsai Award 1
10:50 - 11:20											
11:20 - 13:00	2-12: Graphene, Graphene-Based Composites 7	2-3: Matrix Materials 2	3-1: Fracture and Damage - Micromechanics 6	3-7: Models Homogenization – Micro to Macro 2	3-4: Fracture and Damage - Delamination 6	2-14: Ductile and Pseudo-ductile Composites 3	4-6: Fire Resistance 2	5-8: Applications - Aerospace 6	6-1: New Structural Testing Methods 2	AFOSR 8	Tsai Award 2
13:00 -14:00											
14:00 - 15:20	2-12: Graphene, Graphene-Based Composites 8	2-3: Matrix Materials 3	3-2: Fracture and Damage - Materials Scale 2	3-7: Models Homogenization – Micro to Macro 3	3-13: Nanocomposites for Structural Lightweight - Modelling and Testing 2	2-14: Ductile and Pseudo-ductile Composites 4	4-6: Fire Resistance 3	5-7: Applications - Civil Engineering 1	6-1: New Structural Testing Methods 3	7-7: Multifunctional Composites - Smart Structures 1	WORKSHOP on Failure of composites: current status and future directions 1
15.20-15.40											
15.40-17.00	2-5: Foams, Cellular and Lattice Materials 4	2-3: Matrix Materials 4	3-2: Fracture and Damage - Materials Scale 3	3-7: Models Homogenization – Micro to Macro 4	3-13: Nanocomposites for Structural Lightweight - Modelling and Testing 3	1-5: Manufacturing Up-Scaling and Automation 1	6-3: Sensors in Experimental Mechanics 1	5-7: Applications - Civil Engineering 2	6-1: New Structural Testing Methods 4	7-6: Multifunctional Composites - Adaptive Response and Reconfiguration 1	WORKSHOP on Failure of composites: current status and future directions 2
17.00 - 18:20											

THURSDAY 23 July

	Congress Hall A1	Auditorium 15	Auditorium 10	Auditorium 11	Auditorium 12	Meeting Room 18	Meeting Room 19	Meeting Room 20	Meeting Room 17	Meeting Room 16	Meeting Room 5
8:30 -9:25	<i>Plenary Iгнаas Verpoest</i>										
9:30 - 10:50	1-3: Processing - Manufacturing Technology 10	2-11: Nano Composites 10	ONR Special Symposium 5	7-3: Multifunctional Composites - Self-Healing and Bio-inspired Designs 1	5-1: Structural Analysis and Optimization 10	1-8: Experimental Methods for Process Characterisation 2	2-2: Fibres 1	2-8: Biocomposites 9	1-7: Liquid Composites Moulding 1	4-2: Sandwich Structures and Materials 1	7-6: Multifunctional Composites - Adaptive Response and Reconfiguration 2
10:50 - 11:20	Coffee										
11:20 - 13:00	1-3: Processing - Manufacturing Technology 11	2-11: Nano Composites 11	ONR Special Symposium 6	7-3: Multifunctional Composites - Self-Healing and Bio-inspired Designs 2	5-1: Structural Analysis and Optimization 11	1-8: Experimental Methods for Process Characterisation 3	2-13: Short Fibre Composites 2	2-8: Biocomposites 10	1-7: Liquid Composites Moulding 2	4-2: Sandwich Structures and Materials 2	7-2: Multifunctional Composites - Coupled Properties and Multi-physics Models 1
13:00 -14:00	Lunch										
14:00 - 14.55	<i>Plenary Jinsong Leng</i>										
15.00 -16:20	1-3: Processing - Manufacturing Technology 12	2-11: Nano Composites 12	ONR Special Symposium 7	7-3: Multifunctional Composites - Self-Healing and Bio-inspired Designs 3	5-10: Applications - Bio & Medical 2	1-8: Experimental Methods for Process Characterisation 4	2-13: Short Fibre Composites 3	2-8: Biocomposites 11	1-6: Recycling of Composites and Sustainability 3	2-2: Fibres 2	7-6: Multifunctional Composites - Adaptive Response and Reconfiguration 3
16:20 - 16:40	Coffee										
16:40 - 18:00	1-3: Processing - Manufacturing Technology 13	2-11: Nano Composites 13	4-2: Sandwich Structures and Materials 3	7-3: Multifunctional Composites - Self-Healing and Bio-inspired Designs 4	5-10: Applications - Bio & Medical 3	1-8: Experimental Methods for Process Characterisation 5	2-9: Textile-Based Composites and Fibre Architecture 10	2-8: Biocomposites 12	1-6: Recycling of Composites and Sustainability 4	2-2: Fibres 3	7-6: Multifunctional Composites - Adaptive Response and Reconfiguration 4

