

Thursday 23 July

	Congress Hall A	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
08:30	PLENARY SPEECH by: ignaas Verpoest, Katholieke Universiteit Leuven, Belgium: From fibres to tapes, from synthetic to natural fibres: a new generation of textile composites and their applications										
09:30	4101 Processing - Manufacturing Technology 10	4102 Nano Composites 10	4103 ONR Special Symposium 5	4104 Multifunctional Composites - Self-Healing and Bio-inspired Designs 1	4105 Structural Analysis and Optimization 10	4106 Experimental Methods for Process Characterisation 2	4107 Fibres 1	4108 Biocomposites 9	4109 Liquid Composites Moulding 1	4110 Sandwich Structures and Materials 1	4111 Multifunctional Composites - Adaptive Response and Reconfiguration 3
10:50	Coffee in the Exhibition										
11:20	4201 Processing - Manufacturing Technology 11	4202 Nano Composites 11	4203 ONR Special Symposium 6	4204 Multifunctional Composites - Self-Healing and Bio-inspired Designs 2	4205 Structural Analysis and Optimization 11	4206 Experimental Methods for Process Characterisation 3	4207 Short Fibre Composites 2	4208 Biocomposites 10	4209 Liquid Composites Moulding 2	4210 Sandwich Structures and Materials 2	4211 Multifunctional Composites - Coupled Properties and Multi-physics Models 1
13:00	Lunch in the Exhibition										
14:00	404 Stimulus-responsive polymer composites: a path towards active shape changing structures										
15:00	4301 Processing - Manufacturing Technology 12	4302 Nano Composites 12	4303 ONR Special Symposium 7	4304 Multifunctional Composites - Self-Healing and Bio-inspired Designs 3	4305 Applications - Bio & Medical 2	4306 Experimental Methods for Process Characterisation 4	4307 Short Fibre Composites 3	4308 Biocomposites 11	4309 Recycling of Composites and Sustainability 3	4310 Fibres 2	4311 Multifunctional Composites - Adaptive Response and Reconfiguration 4
16:20	Coffee in the Exhibition										
16:40	4401 Processing - Manufacturing Technology 13	4402 Nano Composites 13	4403 Sandwich Structures and Materials 3	4404 Multifunctional Composites - Self-Healing and Bio-inspired Designs 4	4405 Applications - Bio & Medical 3	4406 Experimental Methods for Process Characterisation 5	4407 Textile-Based Composites and Fibre Architecture 10	4408 Biocomposites 12	4409 Recycling of Composites and Sustainability 4	4410 Fibres 3	4411 Multifunctional Composites - Adaptive Response and Reconfiguration 5
18:00	END OF DAY										
19:30	CONFERENCE DINNER AT THE Exhibition area										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8
08:30										
09:30	4112 Composites with Metallic Components 1	4113 Ductile and Pseudo-ductile Composites 5	4114 Models Homogenization - Micro to Macro 5	4115 Identification using Full-Field Measurements	4116 Dynamic Fracture 2	4117 Manufacturing Up-Scaling and Automation 2	4118 Multiscale Modelling of Structures 1	4119 Applications - Wind, Wave and Tidal Energy 1	4120 Sensors in Experimental Mechanics 2	4121 Multifunctional Composites - Smart Structures 2
10:50										
11:20	4212 Composites with Metallic Components 2	4213 Hybrid Composites 1	4214 Fracture and Damage - Materials Scale 4	4215 Digital Image Correlation 1	4216 Durability, Creep and Aggressive Environment 1	4217 Manufacturing Up-Scaling and Automation 3	4218 Multiscale Modelling of Structures 2	4219 Applications - Wind, Wave and Tidal Energy 2	4220 Sensors in Experimental Mechanics 3	4221 Multifunctional Composites - Smart Structures 3
13:00										
14:00										
15:00	4312 Composites with Metallic Components 3	4313 Hybrid Composites 2	4314 Simulation of Progressive Failure 1	4315 Digital Image Correlation 2	4316 Durability, Creep and Aggressive Environment 2	4317 Impact and Dynamic Structural Analysis 1	4318 Multiscale Modelling of Structures 3	4319 Applications - Ships and Boats	4320 Thermography 1	4321 Multifunctional Composites - Processing and Integration 1
16:20										
16:40	4412 Composites with Metallic Components 4	4413 Hybrid Composites 3	4414 Simulation of Progressive Failure 2	4415 Digital Image Correlation 3	4416 Dynamic Fracture 3	4417 Impact and Dynamic Structural Analysis 2	4418 Multiscale Modelling of Structures 4	4419 Applications - Civil Engineering 3	4420 Thermography 2	4421 Multifunctional Composites - Processing and Integration 2
18:00	END OF DAY									
19:30	CONFERENCE DINNER AT THE EXHIBITION AREA									

Friday 24 July

	Congress Hall A	Auditorium 15	Auditorium 10	Auditorium 11	Auditorium 12	Meeting room 18	Meeting room 19	Meeting room 20	Meeting room 17	Meeting room 16
08:30	PLENARY SPEECH by: Richard A. Vaia, Air Force Research Laboratory, Ohio, USA - Materials for future aerospace technologies: Challenges and opportunities									
09:30	5101 Processing - Manufacturing Technology 14	5102 Nano Composites 14	5103 Sandwich Structures and Materials 4	5104 Fatigue 10		5106 Manufacturing Up-Scaling and Automation 4	5107 Processing - Manufacturing Technology 16	5108 Short Fibre Composites 4	5109 Process Induced Effects 8	5110 Fibres 4
10:50	Coffee in the Exhibition									
11:20	5201 Processing - Manufacturing Technology 15	5202 Nano Composites 15	5203 Sandwich Structures and Materials 5	5204 Multifunctional Composites - Self-Healing and Bio-inspired Designs 5	5205 Structural Design Criteria, Safety and Reliability	5206 Experimental Methods for Process Characterisation 6	5207 Liquid Composites Moulding 3	5208 Short Fibre Composites 5	5209 Recycling of Composites and Sustainability 5	5210 Fibres 5
13:00	Lunch in the Exhibition									
14:00	Closing Ceremony									
15:00	GOODBYE AND SEE YOU IN HARBIN 2019!									

	Meeting room 5	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7
08:30										
09:30	5111 Multifunctional Composites - Coupled Properties and Multi-physics Models 2	5112 Tribology and Wear	5113 Damage Tolerance of Composite Structures 5	5114 Simulation of Progressive Failure 3	5115 Durability, Creep and Aggressive Environment 3	5116 Dynamic Fracture 4	5117 Impact and Dynamic Structural Analysis 3	5118 Applications - Automotive and Rail 3	5119 Applications - Civil Engineering 4	5120 Ultrasound and Acoustic Emission
10:50										
11:20	5211 Multifunctional Composites - Coupled Properties and Multi-physics Models 3	5212 Matrix materials 5	5213 Damage Tolerance of Composite Structures 6	5214 Simulation of Progressive Failure 4	5215 Durability, Creep and Aggressive Environment 4		5217 Impact and Dynamic Structural Analysis 4	5218 Hybrid Composites 4	5219 Applications - Civil Engineering 5	
13:00										
14:00										
15:00										