

Monday 20 July at a glance

	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
8:30	Opening Ceremony										
8:50	PETER SCALA LECTURE by: Ramesh Talreja, Texas A&M University, USA: Integration of manufacturing and failure analyses for sustainable design of composites										
9:45	COFFEE BREAK										
10:15	1101 Processing - Manufacturing Technology 1	1102 Nano Composites 1	1103 Multifunctional Composites - Sensing and Actuation 1	1104 Fatigue 1	1105 Structural Analysis and Optimization 1	1106 Processing - Preforming Technologies	1107 Process Modelling 1	1108 Biocomposites 1	1109 Interfaces and Interphases 1	1110 Ceramic Matrix Composites	1111 Textile-Based Composites and Fibre Architecture 1
12:15	LUNCH BREAK										
13:30	INDUSTRY SESSION - exhibitors will be presenting latest news in the industry										
15:00	1201 Processing - Manufacturing Technology 2	1202 Nano Composites 2	1203 Multifunctional Composites - Sensing and Actuation 2	1204 Fatigue 2	1205 Structural Analysis and Optimization 2	1206 Process Induced Effects 1	1207 Process Modelling 2	1208 Biocomposites 2	1209 Interfaces and Interphases 2	1210 Foams, Cellular and Lattice Materials 1	1211 Textile-Based Composites and Fibre Architecture 2
16:20	COFFEE BREAK										
16:40	1301 Processing - Manufacturing Technology 3	1302 Nano Composites 3	1303 Multifunctional Composites - Sensing and Actuation 3	1304 Fatigue 3	1305 Structural Analysis and Optimization 3	1306 Process Induced Effects 2	1307 Process Modelling 3	1308 Biocomposites 3	1309 Interfaces and Interphases 3	1310 Foams, Cellular and Lattice Materials 2	1311 Textile-Based Composites and Fibre Architecture 3
18:00	BUS DEPARTURE FOR the WELCOME RECEPTION AT TIVOLI GARDENS										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage
8:30	Opening Ceremony										
8:50	PETER SCALA LECTURE by: Ramesh Talreja, Texas A&M University, USA: Integration of manufacturing and failure analyses for sustainable design of composites										
9:45	COFFEE BREAK										
10:15	1112 Graphene, Graphene-Based Composites 1	1113 Dynamic Material Behaviour	1114 Fracture and Damage - Micromechanics 1	1115 Fracture and Damage - Laminate Scale 1	1116 Fracture and Damage - Delamination 1	1117 Constitutive Models 1	1118 Joints - Design, Manufacturing and Testing 1	1119 In-situ Micro-Mechanical Testing	1120 Applications - Offshore and Subsea	1121 Multifunctional Composites - Energy Storage and Harvesting 1	
12:15	LUNCH BREAK										
13:30	INDUSTRY SESSION - exhibitors will be presenting latest news in the industry										
15:00	1212 Graphene, Graphene-Based Composites 2	1213 X-ray Computed Tomography 1	1214 Fracture and Damage - Micromechanics 2	1215 Fracture and Damage - Laminate Scale 2	1216 Fracture and Damage - Delamination 2	1217 Constitutive Models 2	1218 Joints - Design, Manufacturing and Testing 2	1219 Applications - Aerospace 1	1220 Applications - Automotive and Rail 1	1221 Multifunctional Composites - Energy Storage and Harvesting 2	1222 Workshop: Applications - Industry Needs 1
16:20	COFFEE BREAK										
16:40	1312 Graphene, Graphene-Based Composites 3	1313 X-ray Computed Tomography 2	1314 Fracture and Damage - Micromechanics 3	1315 Fracture and Damage - Laminate Scale 3	1316 Fracture and Damage - Delamination 3	1317 Constitutive Models 3	1318 Joints - Design, Manufacturing and Testing 3	1319 Applications - Aerospace 2	1320 Applications - Automotive and Rail 2	1321 Multifunctional Composites - Energy Storage and Harvesting 3	1322 Workshop: Applications - Industry Needs 2
18:00	BUS DEPARTURE FOR the WELCOME RECEPTION AT TIVOLI GARDENS										

Tuesday 21 July at a glance

	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
8:30	PLENARY SPEECH by: S. Mark Spearing, University of Southampton, United Kingdom: High resolution computed tomography studies of composite materials: The data rich mechanics opportunity										
9:30	Mini Oral Session I in Congress Hall A2										
11:00	Poster Session in the Exhibition area and the Foyer										
12:00	LUNCH BREAK										
13:00	Mini Oral Session II in Congress Hall A2										
14:10	Poster Session in the Exhibition area and the Foyer										
15:00	2101 Processing - Manufacturing Technology 4	2102 Nano Composites 4	2103 Multifunctional Composites - Sensing and Actuation 4	2104 Fatigue 4	2105 Structural Analysis and Optimization 4	2106 Process Induced Effects 3	2107 Process Modelling 4	2108 Biocomposites 4	2109 Interfaces and Interphases 4	2110 Foams, Cellular and Lattice Materials 3	2111 Textile-Based Composites and Fibre Architecture 4
16:20	COFFEE BREAK										
16:40	2201 Processing - Manufacturing Technology 5	2202 Nano Composites 5	2203 Multifunctional Composites - Sensing and Actuation 5	2204 Fatigue 5	2205 Structural Analysis and Optimization 5	2206 Process Induced Effects 4	2207 Process Modelling 5	2208 Biocomposites 5	2209 Interfaces and Interphases 5	2210 Ductile and Pseudo-ductile Composites 1	2211 Textile-Based Composites and Fibre Architecture 5
18:00	END OF DAY										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage	
8:30	PLENARY SPEECH by: S. Mark Spearing, University of Southampton, United Kingdom: High resolution computed tomography studies of composite materials: The data rich mechanics opportunity											
9:30											2121 Special Symposium on active composites - 1	
11:00												
12:00	LUNCH BREAK											
13:00											2321 Special Symposium on active composites - 2	
14:10											2521 Special Symposium on active composites - 3	
15:00	2112 Graphene, Graphene-Based Composites 4	2113 X-ray Computed Tomography 3	2114 Fracture and Damage - Micromechanics 4	2115 Fracture and Damage - Laminate Scale 4	2116 Fracture and Damage - Delamination 4	2117 Pressure Vessels and Piping 1	2118 Joints - Design, Manufacturing and Testing 4	2119 Applications - Aerospace 3	2120 Dynamic Fracture 1	2122 Workshop on quality in scientific publication 1		
16:20	COFFEE BREAK											
16:40	2212 Graphene, Graphene-Based Composites 5	2213 X-ray Computed Tomography 4	2214 Fracture and Damage - Micromechanics 5	2215 Fracture and Damage - Laminate Scale 5	2216 Fracture and Damage - Delamination 5	2217 Pressure Vessels and Piping 2	2218 Joints - Design, Manufacturing and Testing 5	2219 Applications - Aerospace 4	2220 Applications - Bio & Medical 1	2621 Special Symposium on active composites - 4	2222 Workshop on quality in scientific publication 2	
18:00	END OF DAY											

Wednesday 22 July at a glance

	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
8:30	PLENARY SPEECH by: Yapa D. S. Rajapakse, Office of Naval Research, Virginia, USA: Extreme loading of composite materials in naval applications										
9:30	3101 Processing - Manufacturing Technology 6	3102 Nano Composites 6	3103 ONR Special Symposium on Marine Composites 1	3104 Fatigue 6	3105 Structural Analysis and Optimization 6	3106 Process Induced Effects 5	3107 Process Modelling 6	3108 Fibre reinforcement	3109 Interfaces and Interphases 6	3110 Damage Tolerance of Composite Structures 1	3111 Textile-Based Composites and Fibre Architecture 6
10:50	COFFEE BREAK										
11:20	3201 Processing - Manufacturing Technology 7	3202 Nano Composites 7	3203 ONR Special Symposium on Marine Composites 2	3204 Fatigue 7	3205 Structural Analysis and Optimization 7	3206 Process Induced Effects 6	3207 Process Modelling 7	3208 Biocomposites 6	3209 Interfaces and Interphases 7	3210 Damage Tolerance of Composite Structures 2	3211 Textile-Based Composites and Fibre Architecture 7
13:00	LUNCH BREAK										
14:00	3301 Processing - Manufacturing Technology 8	3302 Nano Composites 8	3303 ONR Special Symposium on Marine Composites 3	3304 Fatigue 8	3305 Structural Analysis and Optimization 8	3306 Process Induced Effects 7	3307 Process Modelling 8	3308 Biocomposites 7	3309 Recycling of Composites and Sustainability 1	3310 Damage Tolerance of Composite Structures 3	3311 Textile-Based Composites and Fibre Architecture 8
15:20	COFFEE BREAK										
15:40	3401 Processing - Manufacturing Technology 9	3402 Nano Composites 9	3403 ONR Special Symposium on Marine Composites 4	3404 Fatigue 9	3405 Structural Analysis and Optimization 9	3406 Experimental Methods for Process Characterisation 1	3407 Short Fibre Composites 1	3408 Biocomposites 8	3409 Recycling of Composites and Sustainability 2	3410 Damage Tolerance of Composite Structures 4	3411 Textile-Based Composites and Fibre Architecture 9
16:50											
17:15	General Assembly										
19:15	END OF DAY										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage
8:30	PLENARY SPEECH by: Yapa D. S. Rajapakse, Office of Naval Research, Virginia, USA: Extreme loading of composite materials in naval applications										
9:30	3112 Graphene, Graphene-Based Composites 6	3113 Matrix Materials 1	3114 Fracture and Damage - Materials Scale 1	3115 Models Homogenization – Micro to Macro 1	3116 Nanocomposites for Structural Lightweight - Modelling and Testing 1	3117 Ductile and Pseudo-ductile Composites 2	3118 Fire Resistance 1	3119 Applications - Aerospace 5	3120 New Structural Testing Methods 1	3121 Multifunctional Composites - Sensing and Actuation 6	3122 Tsai Award 1
10:50	COFFEE BREAK										'Young scientist award' - The Danish Plastics Federation – Composite Division
11:20	3212 Graphene, Graphene-Based Composites 7	3213 Matrix Materials 2	3214 Fracture and Damage - Micromechanics 6	3215 Models Homogenization – Micro to Macro 2	3216 Fracture and Damage - Delamination 6	3217 Ductile and Pseudo-ductile Composites 3	3218 Fire Resistance 2	3219 Applications - Aerospace 6	3220 New Structural Testing Methods 2	3221 Multifunctional Composites - Adaptive Response and Reconfiguration 1	3222 Tsai Award 2
13:00	LUNCH BREAK										
14:00	3312 Graphene, Graphene-Based Composites 8	3313 Matrix Materials 3	3314 Fracture and Damage - Materials Scale 2	3315 Models Homogenization – Micro to Macro 3	3316 Nanocomposites for Structural Lightweight - Modelling and Testing 2	3317 Ductile and Pseudo-ductile Composites 4	3318 Fire Resistance 3	3319 Applications - Civil Engineering 1	3320 New Structural Testing Methods 3	3321 Multifunctional Composites - Adaptive Response and Reconfiguration 2	3322 Workshop on Failure of composites: current status and future directions 1
15:20	COFFEE BREAK										
15:40	3412 Foams, Cellular and Lattice Materials 4	3413 Matrix Materials 4	3414 Fracture and Damage - Materials Scale 3	3415 Models Homogenization – Micro to Macro 4	3416 Nanocomposites for Structural Lightweight - Modelling and Testing 3	3417 Manufacturing Up-Scaling and Automation 1	3418 Sensors in Experimental Mechanics 1	3419 Applications - Civil Engineering 2	3420 New Structural Testing Methods 4	3421 Multifunctional Composites - Smart Structures 1	3422 Workshop on Failure of composites: current status and future directions 2
16:50											Industry Session JEC Group
17:15	General Assembly										
19:15	END OF DAY										

Thursday 23 July at a glance

	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
8:30	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										
9:30	4101 Processing - Manufacturing Technology 10	4102 Nano Composites 10	4103 ONR Special Symposium on Marine Composites 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 BREAK										
11:20	4201 Processing - Manufacturing Technology 11	4202 Nano Composites 11	4203 ONR Special Symposium on Marine Composites 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 BREAK										
14:00	PLENARY SPEECH by: Jinsong Leng: 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 on Marine Composites 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	COFFEEBREAK										
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
19:30	Conference dinner at Bella Center, Exhibition Area										
23:30	END OF DAY										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage
8:30	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										
9:30	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	COFFEE BREAK										
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	LUNCH BREAK										
14:00	PLENARY SPEECH by: Jinsong Leng: 404 Stimulus-responsive polymer composites: a path towards active shape changing structures										
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	COFFEE BREAK										
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	
19:30	Conference dinner at Bella Center, Exhibition Area										
23:30	END OF DAY										

Friday 24 July at a glance

	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
8:30	PLENARY SPEECH by: Richard A. Vaia, Air Force Research Laboratory, Ohio, USA - Materials for future aerospace technologies: Challenges and opportunities										
9:30	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	5111 Multifunctional Composites - Coupled Properties and Multi-physics Models 2
10:50	COFFEE BREAK										
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	5211 Multifunctional Composites - Coupled Properties and Multi-physics Models 3
13:00	LUNCH BREAK										
14:00	Closing Ceremony										
	GOODBYE AND HOPE TO SEE YOU IN 2017 FOR THE ICCM21!										

	Meeting room 6	Meeting room 7	M1	M2	M3	M4	M5	M6	M7	M8	Center Stage
8:30	PLENARY SPEECH by: Richard A. Vaia, Air Force Research Laboratory, Ohio, USA - Materials for future aerospace technologies: Challenges and opportunities										
9:30	5112 Tribology and Wear	5113 Damage Tolerance of Composite Structures 5	5114 Simulation of Progressive Failure 3	5115 Durability, Creep and Agressive 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	COFFEE BREAK										
11:20	5212 Matrix materials 5	5213 Damage Tolerance of Composite Structures 6	5214 Simulation of Progressive Failure 4	5215 Durability, Creep and Agressive Environment 4		5217 Impact and Dynamic Structural Analysis 4	5218 Hybrid Composites 4	5219 Applications - Civil Engineering 5			
13:00	LUNCH BREAK										
14:00	Closing Ceremony										
	GOODBYE AND HOPE TO SEE YOU IN 2017 FOR THE ICCM21!										