

# PROGRAM AT-A-GLANCE

August 22 (Mon)

Room	Halla A	Halla B	Samda A	Samda B	201A	202A	202B	203	301	302	401	402A
08:30 - 09:00	<b>OPENING CEREMONY</b>											
09:00 - 10:00	<b>SCALA LECTURE</b> H. Thomas Hahn											
	<b>Break</b>											
10:00 - 11:00	<b>M1</b> Nanocomposites	<b>M2</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>M3</b> Green Composites	<b>M4</b> Applications of Composites	<b>M5</b> High Performance Composites	<b>M6</b> Joints and Bearing Behavior	<b>M7</b> Polymer Composites with Shape Memory Function	<b>M8</b> Nanocomposites and Polymer Nanocomposites including Carbon Nanotubes or Graphene	<b>M9</b> Structural Response and Design	<b>M10</b> Multi-functional Composites	<b>M11</b> Processing and Manufacturing Technologies	<b>M12</b> Damage and Fracture
11:00 - 12:00												
12:00 - 13:00	<b>LUNCH</b> (Tamna Hall, 5F / 11:45~12:45)											
13:00 - 14:00	<b>PL1</b> Stephen W. Tsai		<b>PL2</b> Yasuo Suga									
	<b>PL3</b> Gerould K. Young		<b>PL4</b> Shanyi Du									
	<b>Break</b>											
14:00 - 15:00	<b>M13</b> Nanocomposites	<b>M14</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>M15</b> Green Composites	<b>M16</b> Applications of Composites	<b>POSTER SESSION</b> (3F Lobby)	<b>M17</b> Joints and Bearing Behavior	<b>M18</b> KASHMOS (Korean Aero-vehicle Structural Health Monitoring System)	<b>M19</b> Nanocomposites and Polymer Nanocomposites including Carbon Nanotubes or Graphene	<b>M20</b> Structural Response and Design	<b>M21</b> Multi-functional Composites Smart Actuators and its Applications	<b>M22</b> Processing and Manufacturing Technologies	<b>M23</b> Damage and Fracture
15:00 - 16:00					1Min. Speech (201A)							
16:00 - 17:00	<b>Break</b>											
17:00 - 18:00	<b>M24</b> Nanocomposites	<b>M25</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>M26</b> Green Composites	<b>M27</b> Applications of Composites	<b>M28</b> High Performance Composites / Sensing and Interfacial properties of Nanocomposites	<b>M29</b> Metal Matrix Composites	<b>M30</b> Tsai Award	<b>M31</b> Fibres, Matrices and Interfaces	<b>M32</b> Structural Response and Design	<b>M33</b> Smart Actuators and its Applications / Smart Structure and Materials	<b>M34</b> Processing and Manufacturing Technologies	<b>M35</b> Damage and Fracture
18:00 - 19:00												
19:00 -	<b>WELCOME RECEPTION</b> (Ocean View, 5F)											

# PROGRAM AT-A-GLANCE

August 23 (Tue)

Room	Halla A	Halla B	Samda A	Samda B	201A	202A	202B	203	301	302	401	402A
08:30 - 09:00	<b>PL5</b> Jim C.I. Chang		<b>PL6</b> Peter Cheng (Paul Hibbard)									
09:00 - 10:00	<b>Break</b>											
10:00 - 11:00	<b>T1</b> Nanocomposites	<b>T2</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>T3</b> Composite Materials from Biorenewable Resources	<b>T4</b> Applications of Composites	<b>T5</b> Energy Technology Applications	<b>T6</b> Metal Matrix Composites	<b>T7</b> Structural Health Monitoring and Management (SHM)	<b>T8</b> Fibres, Matrices and Interfaces	<b>T9</b> Impact and Dynamic Response	<b>T10</b> Intelligent Textiles and Composites (ICIT 2011)	<b>T11</b> Processing and Manufacturing Technologies	<b>T12</b> Damage and Fracture
11:00 - 12:00												
12:00 - 13:00	<b>Break</b>											
12:00 - 13:00	<b>T13</b> Nanocomposites	<b>T14</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>T15</b> Green Composites	<b>T16</b> Nano-particle Reinforced Polymer Composites for Engineering Applications	<b>T17</b> Durability and Aging	<b>T18</b> Metal Matrix Composites	<b>T19</b> Structural Health Monitoring and Management (SHM)	<b>T20</b> Fibres, Matrices and Interfaces	<b>T21</b> Impact and Dynamic Response	<b>T22</b> Intelligent Textiles and Composites (ICIT 2011)	<b>T23</b> Processing and Manufacturing Technologies	<b>T24</b> Damage and Fracture
13:00 - 14:00	<b>LUNCH</b> (Tamna Hall, 5F / 12:30~13:30)											
14:00 - 15:00	<b>PL7</b> Les Lee		<b>PL8</b> Frederique Mutel									
	<b>Break</b>											
14:00 - 15:00	<b>T25</b> Nanocomposites	<b>T26</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>T27</b> Durability of Polymer Matrix Composites	<b>T28</b> Application of Composites	<b>POSTER SESSION</b> (3F Lobby)	<b>T29</b> Metal Matrix Composites	<b>T30</b> Structural Health Monitoring and Management (SHM)	<b>T31</b> Fibres, Matrices and Interfaces	<b>T32</b> Impact and Dynamic Response	<b>T33</b> Mechanical and Physical Properties	<b>T34</b> Processing of Out-of-autoclave Prepregs	<b>T35</b> Damage and Fracture
15:00 - 16:00												
16:00 - 17:00	<b>Break</b>											
17:00 - 18:00	<b>T36</b> Nanocomposites	<b>T37</b> Symposium on "Multifunctional Composites for Energy Performance and Efficiency"	<b>T38</b> Durability of Polymer Matrix Composites	<b>T39</b> Nano Composite in Energy Applications	<b>T40</b> Composite Materials from Biorenewable Resources/ Wood and paper	<b>T41</b> Metal Matrix Composites	<b>T42</b> Bio-inspired Composites	<b>T43</b> Carbon Nanocomposites and Hybrid Advanced Composites	<b>T44</b> Impact and Dynamic Response	<b>T45</b> Mechanical and Physical Properties	<b>T46</b> Processing and Manufacturing Technologies	<b>T47</b> Damage in Composites or Mechanical Properties
18:00 - 19:00												

# PROGRAM AT-A-GLANCE

August 24 (Wed)

Room	Halla A	Halla B	Samda A	Samda B	201A	202A	202B	203	301	302	401	402A
08:30 - 09:00	<b>PL9</b> Tsu-Wei Chou		<b>PL10</b> Hiroshi Suemasu									
09:00 - 10:00	<b>Break</b>											
10:00 - 11:00	<b>W1</b> Nanocomposites	<b>W2</b> Textile Composites: 3D Preforming and Damage Tolerance	<b>W3</b> Durability of Polymer Matrix Composites	<b>W4</b> Aerospace Applications	<b>W5</b> Research and Development of Green Composites	<b>W6</b> Experimental Techniques	<b>W7</b> Textile Composites	<b>W8</b> Fibres, Matrices and Interfaces	<b>W9</b> Structural Behaviour of Composites Subjected to Impact and Blast / Impact and Dynamic Response	<b>W10</b> Mechanical and Physical Properties	<b>W11</b> Processing and Manufacturing Technologies	<b>W12</b> Damage Tolerance and Impact Session
11:00 - 12:00	<b>Break</b>											
12:00 - 13:00	<b>W13</b> Polymer Nanocomposites and their Applications	<b>W14</b> Textile Composites	<b>W15</b> Durability of Polymer Matrix Composites	<b>W16</b> Aerospace Applications	<b>W17</b> Research and Development of Green Composites	<b>W18</b> Experimental Techniques	<b>W19</b> Textile Composites	<b>W20</b> Fibres, Matrices and Interfaces / Experimental Characterization	<b>W21</b> Impact and Dynamic Response	<b>W22</b> Mechanical and Physical Properties	<b>W23</b> Processing and Manufacturing Technologies	<b>W24</b> Delamination and Interlaminar Reinforcement
13:00 - 14:00	<b>LUNCH</b> (Tamna Hall, 5F / 12:30-13:30)											
	<b>PL11</b> Yapa D.S. Rajapakse		<b>PL12</b> Kazuro Kageyama									
14:00 - 15:00	<b>Break</b>											
15:00 - 16:00	<b>W25</b> Nanocomposites	<b>W26</b> ONR SESSIONS - Research in Composites Materials and Sandwich Structures	<b>W27</b> Durability of Polymer Matrix Composites	<b>W28</b> Aerospace Applications	<b>POSTER SESSION</b> (3F Lobby)	<b>W29</b> Full-field Measurements for Composites Testing	<b>W30</b> Stability of Thin Walled Structures	<b>W31</b> Biomedical Composites	<b>W32</b> Textile Composites: 3D Preforming and Damage Tolerance	<b>W33</b> Carbon and Ceramic Matrix Composites	<b>W34</b> Processing and Manufacturing Technologies/ Thermoplastic Composite Materials	<b>W35</b> Delamination and Interlaminar Reinforcement
16:00 - 17:00	<b>Break</b>											
17:00 - 18:00	<b>GENERAL ASSEMBLY</b>											
18:00 - 19:00	<b>GENERAL ASSEMBLY</b>											

# PROGRAM AT-A-GLANCE

August 25 (Thu)

Room	Halla A	Halla B	Samda A	Samda B	201A	202A	202B	203	301	302	401	402A
08:30 - 09:00	<b>PL13</b> Tia Benson Tolle		<b>PL14</b> Yiu-Wing Mai									
09:00 - 10:00	<b>Break</b>											
10:00 - 11:00	<b>Th1</b> Nanocomposites	<b>Th2</b> ONR SESSIONS - Research in Composites Materials and Sandwich Structures	<b>Th3</b> Green Composites	<b>Th4</b> Numerical Methods in Composite Materials	<b>Th5</b> Carbon and Ceramic Matrix Composites	<b>Th6</b> High-precision Composites	<b>Th7</b> Sandwich Technologies	<b>Th8</b> Biomedical Composites	<b>Th9</b> Multiscale Modeling and Simulation of Nanocomposites	<b>Th10</b> Smart Composite Materials	<b>Th11</b> New Advancements in Manufacturing Thermoplastic Fiber Reinforced Polymer Composites for Large-scale	<b>Th12</b> Progressive Damage and Failure
11:00 - 12:00	<b>Break</b>											
12:00 - 13:00	<b>Th13</b> Probabilistic Approaches and Design	<b>Th14</b> ONR SESSIONS - Research in Composites Materials and Sandwich Structures	<b>Th15</b> Natural Fiber Composite Materials	<b>Th16</b> Infrastructure/ Life Cycle Analysis and Sustainability	<b>Th17</b> Standardization	<b>Th18</b> High-precision Composites	<b>Th19</b> Lightweight Sandwich Plate with Three-dimensional Cores	<b>Th20</b> Biomedical Composite Materials and Structures	<b>Th21</b> High Performance and Sustainable Composite Materials	<b>Th22</b> Intelligent Textiles and Composites/ Mechanical Properties and Mechanics of Short Fiber Composites	<b>Th23</b> Modeling and Simulation of Composites Manufacturing Processes	<b>Th24</b> Fatigue and Life Prediction of Composites
13:00 - 14:00	<b>LUNCH</b> (Tamna Hall, 5F / 12:30-13:30)											
	<b>PL15</b> Scott White		<b>PL16</b> Yong Jun Cho									
14:00 - 15:00	<b>Break</b>											
15:00 - 16:00	<b>Th25</b> Polymer Nanocomposites	<b>Th26</b> ONR SESSIONS - Research in Composites Materials and Sandwich Structures	<b>Th27</b> Natural Fiber Composite Materials/ Green Composites	<b>Th28</b> Biocomposites: Synthesis, Processing Performance and Applications of Biobased Composite Materials (Co-Sponsored with BIRN)	<b>POSTER SESSION</b> (3F Lobby)	<b>Th29</b> High-precision Composites/ Strength & Life Prediction for Composites	<b>Th30</b> Lightweight Sandwich Plate with Three-dimensional Cores	<b>Th31</b> Biomedical Composite Materials and Structures	<b>Th32</b> High Performance and Sustainable Composite Materials	<b>Th33</b> Micromechanics of Composites and Heterogeneous Materials: Multiscale Modeling and Homogenization	<b>Th34</b> Manufacturing Processes for Composite Materials	<b>Th35</b> Progressive Damage and Failure
16:00 - 17:00	<b>Break</b>											
17:00 - 18:00	<b>Th36</b> Polymer Matrix Composites	<b>Th37</b> ONR SESSIONS - Research in Composites Materials and Sandwich Structures	<b>Th38</b> Natural Fibre Composites	<b>Th39</b> Biocomposites: Synthesis, Processing, Performance and Applications of Biobased Composite Materials (Co-Sponsored with BIRN)	<b>Th40</b> Applications of Composites	<b>Th41</b> Multiscale Modeling of Composites : From Molecular Scale to Structures	<b>Th42</b> Sandwich Materials and Structures	<b>Th43</b> NDE Technologies /Non-Destructive Evaluation	<b>Th44</b> High Performance and Sustainable Composite Materials	<b>Th45</b> Micromechanics of Composites and Heterogeneous Materials: Multiscale Modeling and Homogenization	<b>Th46</b> Manufacturing Processes for Composite Materials	<b>Th47</b> Progressive Damage and Failure
18:00 - 19:00	<b>Break</b>											
19:00 -	<b>BANQUET</b> (Tamna Hall,5F)											

# PROGRAM AT-A-GLANCE

August 26 (Fri)

Room	Halla A	Halla B	Samda A	Samda B	201A	202A	202B	203	301	302	401	402A
08:30 - 09:00	<b>PL17</b> Jong-Dae Lim		<b>PL18</b> Zhong Zhang									
09:00 - 10:00	<b>Break</b>											
10:00 - 11:00	<b>F1</b> Others	<b>F2</b> Manufacturing Processes for Composite Materials/ Processing and Manufacturing Technologies	<b>F3</b> Simulation-Based Design and Optimization	<b>F4</b> Composite Joints	<b>F5</b> Fatigue and Life Prediction of Composites	<b>F6</b> KASSAT (Korean Aero-vehicle Smart Skin Antenna Technology) & FMAV (Flapping Micro Air Vehicle)	<b>F7</b> Sandwich Materials and Structures	<b>F8</b> Non-Destructive Evaluation	<b>F9</b> Carbon and Ceramic Matrix Composites	<b>F10</b> Multi-scale Modeling II	<b>F11</b> Analysis of Dental Composite Restoration	<b>F12</b> Metal Matrix Composites
11:00 - 12:00	<b>Break</b>											
12:00 - 13:00	<b>F13</b> Others	<b>F14</b> Modeling and Simulation of Composites Manufacturing Processes	<b>F15</b> Investigation on Advanced Reinforcement Fibres and Matrices	<b>F16</b> Multiscale Modeling and Simulation of Nanocomposites/ Multi-scale Modeling	<b>F17</b> Fatigue and Life Prediction of Composites	<b>F18</b> KASSAT(Korean Aero-vehicle Smart Skin Antenna Technology) & FMAV (Flapping Micro Air Vehicle)	<b>F19</b> Sandwich Materials and Structure	<b>F20</b> Energy Technology Applications		<b>F21</b> Multi-scale Modeling II		<b>F22</b> Metal Matrix Composite
13:00 - 14:00	<b>LUNCH</b> (Tamna Hall, 5F / 12:30~13:30)											
14:00 - 15:00	<b>F23</b> Processing, Property and Analysis of Carbon Nanotube/Polymer Composites	<b>F24</b> Modeling and Simulation of Composites Manufacturing Processes	<b>F25</b> Simulation-Based Design and Optimization	<b>F26</b> Carbon Nanofibers	<b>F27</b> Fatigue and Life Prediction of Composites	<b>F28</b> Recycling	<b>F29</b> Energy Technology Applications		<b>F30</b> Carbon and Ceramic Matrix Composites	<b>F31</b> Strength & Life Prediction for Composites	<b>F32</b> Applications of Composites	<b>F33</b> Metal Matrix Composites
15:00 - 16:00												

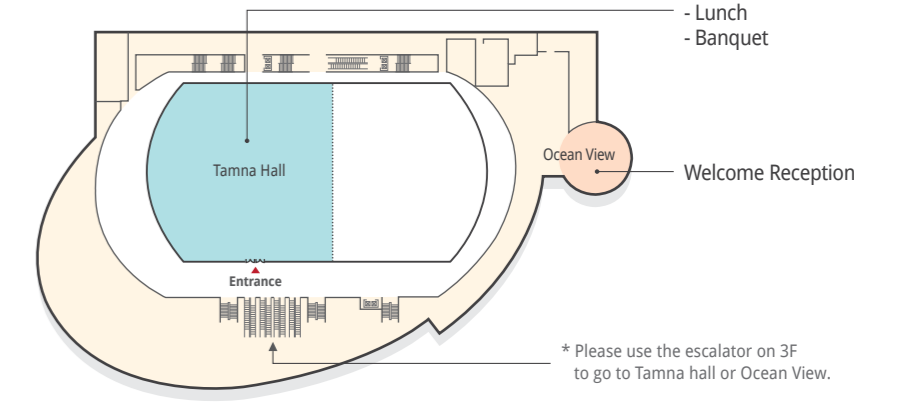
# VENUE LAYOUT

3F

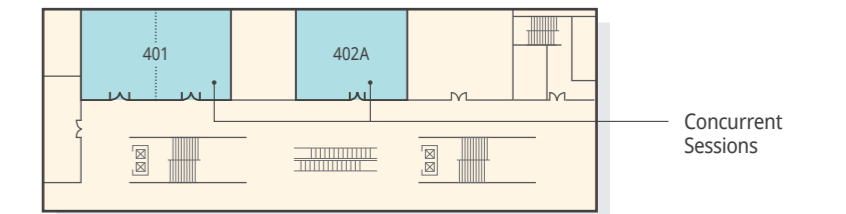


- Plenary / Keynote Lectures
- Concurrent Sessions
- Opening Ceremony
- Plenary / Keynote Lectures
- Concurrent Sessions

5F



4F



2F

