

Wednesday Poster Presentations

1:40-4:25 PM, Emerald Ballroom 3

Posters + 10 minute Presentations

1:40 pm	Paper# 24, Fabrication of Lightweight Cu/Untwisted MWCNT Yarn Composite with High Current Capacity Value <i>Yuta Hoshi, Kotaro Kajihara, Tae Sung Kim, Atsushi Hosoi And Hiroyuki Kawada</i>
1:52 pm	Paper# 28, Failure Prediction Using Viscoelastic/plastic Constitutive Equation Considering Entropy Damage for Polyimide <i>Mao Hososhima, Hiroki Kuramochi, Jun Koyanagi and Yuichi Ishida</i>
2:05 pm	Paper# 38, Evaluation of Giga-cycle Fatigue Characteristics of CFRP Cross-ply Laminates Using Ultrasonic Fatigue Testing <i>Takuro Suzuki, Atsushi Hosoi, Yoshinobu Shimamura and Hiroyuki Kawada</i>
2:17 pm	Paper# 88, Multi-Scale Evaluation for Effect of Reinforcements on Viscoelasticity of Shape-Memory Polymer Composites <i>Yuta Naito, Shimpei Matsuda, Masaaki Nishikawa, Naoki Matsuda and Masaki Hojo</i>
2:30 pm	Paper# 93, Thermoplastic Composites for Wind Turbine Blade Manufacturing <i>Dylan Cousins, Yasuhito Suzuki, Joseph Samaniuk and Aaron Stebner</i>
2:42 pm	Paper# 108, Effective Diameter of Added Glass Fiber into Matrix of Carbon Fiber Reinforced Thermo-Plastics for Improving Mechanical Properties <i>Naoto Miyakita, Kazuya Okubo, Kiyataka Obunai and Kazuya Yanagita</i>

Networking Break 2:55-3:10 pm

Posters Presentations continue

3:10 pm	Paper# 154, Development study of Thin Aligned Carbon Nanotube Sheet Reinforced Poly(vinyl alcohol) Composites <i>Tomoki Ohsato, Ken Goto, Tran Huu Nam, Yoshinobu Shimamura, Yoku Inoue and Tomonaga Ueno</i>
3:22pm	Paper# 177, Estimation of Physical Properties of Composite Materials by Data Assimilation and Multi-Objective Optimization of Heating Method <i>Ryota Yokoyama and Ryouzuke Matuzaki</i>
3:35 pm	Paper# 248, Experimental and Analytical Studies on the Solvent Volatilization Behavior of Carbon Fiber/Phenylethynyl Terminated Polyimide Prepreg during Molding <i>Miho Yamanaka, Shintaro Kamiyama, Toshio Ogasawara and Yuichi Ishida</i>
3:47 pm	Paper# 276, Structural Adhesion of Thermoplastic Composites for Wind Turbine Blades <i>Peter Caltagirone</i>
4:00 pm	Paper# 298, Environmental Fatigue Properties of Graphene Nanocomposites <i>Yao Qiao, Jennifer Garner and Marco Salviato</i>
4:12 pm	Paper# 344, Investigation of Platelet Size Effect on Fracturing Behavior of Discontinuous Fiber Composite <i>Kenrick Chan and Minh Nguyen</i>

Posters Only (No Oral Presentation)

	Damage Detection on Composite Plates Using Fiber Bragg Grating and Piezoelectric Ultrasonic Sensors <i>Ciera McFarland, Junghyun Wee, and Kara Peters</i>
	Characterization of Freeze-Thaw Cycling Induced Damage in Aircraft Composites using Relative Permittivity <i>Matthew Urrea, Ogheneovo Idolor, Rishabh Guha, and Landon Grace</i>
	Characterizing Light Transmission Through Fractured Fiber Optic Waveguides <i>Tyler Anderson, Kara Peters, and Jason Patrick</i>