

OUTSTANDING TECHNICAL PAPER AWARD WINNERS

CAMX would like to acknowledge the Outstanding Technical Paper Award recipients. This award goes to authors who have put together a well written, interesting, and groundbreaking Technical Paper. Nominated Technical Papers were reviewed and ranked by our Technical Committees.

ADDITIVE MANUFACTURING

Current Technology in Manufacturing and Materials

Novel Inprocess Inspection Method for Additive Manufacturing
David Maass, Flightware

ADVANCES IN MATERIALS

Thermoplastic Materials & Applications

Thermoplastic Composites for Wind Turbine Blade Manufacturing
Dylan Cousins, Colorado School of Mines

BONDING & JOINING

Adhesives

Evaluation of Alumina Grit Particulate Size and Removal Procedures on the Grit-Blast/Sol-Gel Surface Preparation Process
Corey Kondash, University of Dayton Research Institute

DESIGN, ANALYSIS, AND SIMULATION

Process Modeling & Simulation

Smart Connection Between CAD/CAE/CAM Software for Optimizing Composite Lay-Up Strategy
Laurent Dubreuil, STELIA Aerospace

GREEN & SUSTAINABILITY

Life Cycle Assessments

Calculating the Embodied Energy of Recycled Composites
Komal Kooduvalli, UT/ORNL

MANUFACTURING & PROCESSING TECHNOLOGIES

Out-of-Autoclave (OOA)

Robust Manufacturing of Complex-Shaped Parts Using Out-of-Autoclave Prepregs with Discontinuous Formats
Patricio Martinez, University of Southern California

MARKET APPLICATIONS

Automotive and Light Truck

Scaling Effects of Glass Fiber Reinforced Epoxy in Fatigue
Ian Swentek, Hexion Inc.

NON-DESTRUCTIVE EVALUATION & MATERIALS TESTING

Structural Health Monitoring

Comparing Acoustic Emission and Guided Ultrasonic Wave Data to Evaluate Damage States in Glass Fiber Reinforced Epoxy
David Miller, Montana State University



CONGRATULATIONS PAPER WINNERS!

