

Welcome SAMPE South Texas 2023-2024

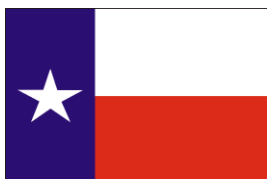
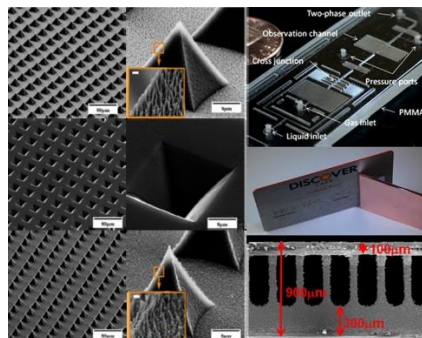
March 22nd Tour, Lectures and Social at Louisiana State University Advanced Manufacturing and Machining Facility

“Thermoplastic Composites Research at LSU”

Dr. Genevieve Palardy

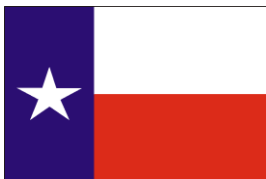
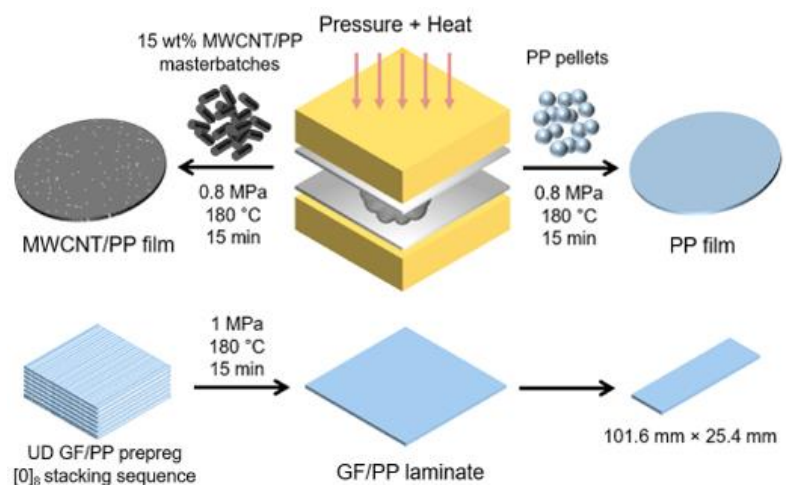
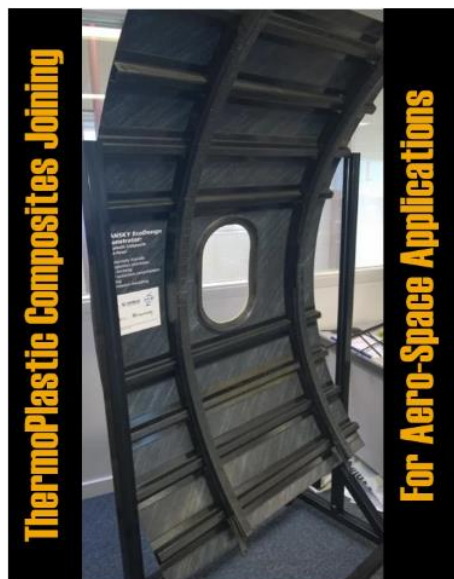
Associate Professor, Mechanical & Industrial Engineering
LSU
Baton Rouge, LA

Join us for lectures given by LSU staff and students, followed by a tour of LSU’s Advanced Manufacturing and Machining Facility (AMMF). The facilities goals are to provide access to sustainable, dedicated, state of the art experimental facilities for research and development in advanced manufacturing. The core facility boasts 8000 sf of floor space with capabilities including additive manufacturing of plastics and metals, multi-axes micro-milling, traditional CNC, injection molding and robotic welding.



Biography

Dr. Genevieve Palardy is an Associate Professor in the Department of Mechanical & Industrial Engineering at Louisiana State University. She obtained her MEng and PhD degrees from McGill University (Montreal, Canada), as part of the Structures and Composite Materials Laboratory in Mechanical Engineering. Before joining LSU, she was a postdoctoral researcher in the Faculty of Aerospace Engineering at the Delft University of Technology (Netherlands), involved in industry projects in collaboration with Airbus, Dassault, Fokker, and Fraunhofer. Her research at LSU focuses on ultrasonic-assisted consolidation, repair, and joining of thermoplastic composite materials, structural health monitoring of welded joints, robotic additive manufacturing of fiber-reinforced polymers, and thermoset shape memory polymer composites. Dr. Palardy received several research and teaching awards, such as the NSF CAREER Award in 2021 and the LSU College of Engineering Instructor of Excellence Award in 2023.





South Texas Chapter
March 2024 Newsletter

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When: March 22, 2024

Meet and Greet: 1:45pm

Presentation: 2:00 - 3:15pm

Tour: 3:15 – 5:00pm

Social event: ~5pm, following the tour

What: Presentations of

“Thermoplastic Composites Research at LSU”

Dr. Genevieve Palardy

“Development of a fiber reinforced football helmet shell”

LSU student chapter

Tour of LSU Advanced Manufacturing and Machining Facility

Introduction by department chair, Dr. Dimitris Nikitopoulos

Who: Meeting is hosted by the SAMPE – LSU Student Chapter, and is open to SAMPE Members, Students, and Guests – U.S. Citizenship is not required.

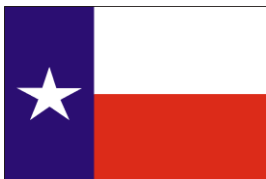
Where: Louisiana State University, Baton Rouge, LA

Presentation: **Location TBD**

Social (Fluids Working Group) event: **Location TBD**

Parking: **TBD**

Special Instructions: Please sign-up at: www.tinyurl.com/sotex-LSU





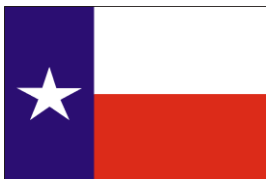
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SAMPE South Texas Chapter Officers

Spencer Hawkins	Chair	shawkins@tri-austin.com
Bruce Toman	Vice-Chair	btoman@tri-austin.com
Kyle Johnson	Director	kjohnson@tri-austin.com
Brian Lisco	Director	Lisco.brian@gmail.com
Adam Maffe	Secretary	amaffe@tri-austin.com
Rick Perkins	Treasurer	rperkins@chemlogic.us





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Student Internship and Employment Opportunities

Is your company looking to hire a student intern or a recent graduate?

Contact Dr. Johnny Golden at johnny.L.golden@boeing.com with **pertinent details** and we will email our SAMPE SOTEX student members, advising them of the opportunity.

Company Websites for Internships

Boeing

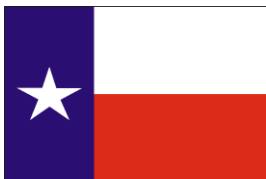
<https://jobs.boeing.com/careers>

Dow Chemical

<https://corporate.dow.com/en-us/careers/jobs.html>

NASA

<https://intern.nasa.gov>





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March 2024 Newsletter

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South Texas Chapter of the Society for the Advancement of Materials and Process Engineering, SAMPE, is soliciting company sponsors for the 2023 / 2024 year. The South Texas Chapter of SAMPE is a growing society dedicated to advancing the fields of material and process engineering. SAMPE, through its South Texas Chapter, holds local meetings that provide opportunities for suppliers and the engineering community to get together. At each meeting, there is a social hour for members to establish new contacts and catch up on business, a meal, and a technical presentation or plant tour. These presentations and tours provide a learning and information exchange environment for meeting attendees.

Sponsorship donations help offset the costs of chapter activities, including establishing and providing student chapter leadership awards and offsetting some of the costs of students attending chapter meetings. The list of tangible sponsorship benefits will continue to be developed and currently includes recognition at events, websites, and chapter newsletters. Sponsorship will increase your company's visibility to local materials and process engineers in the industry. Sponsorship allows the cost per meeting to remain low, which helps bring in as many attendees as possible. If you would like to be a sponsor, please contact the treasurer, Rick Perkins, at 512-426-5728 or rperkins@chemlogic.us, or any officer of the South Texas SAMPE Chapter.

SAMPE South Texas Chapter Sponsors



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