



We are pleased to present the featured Guest Speaker for our February 2nd Meeting:

3D Printing – Review of Techniques and Focus on Photochemistry

JP Masson
NAGASE Group
Nagase America Corporation

Abstract:

3D Printing is a fast-growing technology which is finding applications in a growing number of fields ranging from aerospace to medical. With the use of materials like ceramics, metals or UV-cured polymers, successful development efforts by startups and global companies alike have allowed the technology to move from the production of prototypes to engineered functional parts.

In this presentation, we will review the various printers and materials available for 3D Printing and we will focus specifically on thermoset systems based on UV-cured

materials. While those materials have been used for decades in inks, coatings and adhesives, 3D Printing is challenging manufacturers to push the boundaries of product performance and properties.

Biography

JP Masson is a Senior Sales and Marketing Manager with Nagase America. He leads a team of dedicated technical experts focused on providing solutions to unique formulation challenges by providing access to specialty chemicals manufactured by Nagase or its partners. The Nagase Group was founded over 180 years ago in Japan and has a long history of helping customers innovate. With over 6,000 employees in 20 countries, the group manufactures and sources materials for a variety of industries: chemicals, cosmetics, life sciences, electronics, automotive, etc.

Prior to joining Nagase, JP Masson was part of Evonik's Crosslinkers team and focused on business development related to composites.

MEETING DETAILS

Place: Bridgewater Manor, Bridgewater, NJ; (908) 658-3000

Time: 5:45 – 8:30

Cost: \$20.00 Adv Registration; \$25.00 at Door; Students – Free

This meeting is open to all SAMPE members, spouses, guests, and other interested parties

Reservations contact Megan Casey at mbc872@gmail.com by noon Wednesday before the meeting. Meal options are available.

Directions to Bridgewater Manor: From I-287 north, take exit 22A (206 south). Go thru two lights, Bridgewater Manor is on right. From I-287 south, take exit 22. Make right at end of ramp. Make next left, a jughandle to cross 202/206 to go south on 202/206. Go thru three lights, Bridgewater Manor is on the right.





2016 – 2017 Meeting Schedule

September 8, 2016 – Steve Medlar, Rutgers University

October 6, 2016 – Student Night, Presentations from Somerville High School

October 26 - 29, 2016 – CAMX, Anaheim CA, sponsored jointly by SAMPE and ACMA

November 3, 2016 – Ben Bordoloi, Ames Rubber Co.

December 1, 2016 – Paul Cylenica, SGL

February 2, 2017 – J.P. Masson, Nagase America Corp.

March 2, 2017 – Mike Jablon, Honeywell

April 6, 2017 – Student Night, SAMPE at NYU Student Chapter and guests

May 4, 2017 – TBA

May 22-25, 2017 – SAMPE Seattle, Seattle WA

June 1, 2017 – Lab tour TBA

June 26, 2016 – 34th NJ SAMPE Golf Outing, Picatinny Arsenal

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New Jersey Chapter



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Society for the Advancement of Material and Process Engineering

New Jersey Chapter



Sponsor of the Month: Evonik Corporation

Evonik Corporation, Parsippany, NJ, has been a supporter of NJ SAMPE since 2007. One of the world's leading specialty chemical companies, Evonik's product offerings to the composites industry include structural foams; thermoplastic and thermoset matrix resins; amine and anhydride curatives; a broad portfolio of fine chemical intermediates for the formulation of advanced materials; and custom-manufacturing services. Borys Schafran, Product Manager for affiliate Evonik Jayhawk Fine Chemicals Corporation, has derived sustainable value from the NJ Chapter over the years.

He sums it up as follows: "I was invited to give a presentation at a monthly meeting of the Chapter back in May 2007, and ever since then, I have networked with this group, learned extensively about the composites industry and developed a more robust strategy for my business area. Now as Chair, it is my duty to keep up the good work of the Chapter. I encourage anyone, especially young professionals, to seek out this group and benefit as I have."

