

We are pleased to present the featured Guest Speaker for our March 7th Meeting:

High Speed Scientific Imaging

Todd Rumbaugh
President
Hadland Imaging

Abstract

Hadland Imaging is the North American distributor of the Shimadzu Hyper Vision HPV-X2 ultra high speed video camera (up to 10 million frames per second) , AG-X Universal and HITS High-Speed Impact Test Machines.

Exciting advances in camera design are now allowing researchers to image materials' behavior at extremely high acquisition rates. These advanced cameras are enabling increased understanding of materials behavior under

impact conditions. Understanding the behavior of materials under impact conditions is critical to developing safe, reliable designs for many demanding applications including protective armor, automotive and aerospace materials, and sports equipment.

The presentation will show several unique, high-speed (ultra slow motion) movies illustrating the amazing imaging capabilities of the Shimadzu Hyper Vision HPV-X2 camera.

Biography

Todd Rumbaugh has over 30 years of experience in high speed scientific imaging. He has worked with scientists worldwide in designing ultra-high speed imaging experiments.

Meeting Details

Place: Bridgewater Manor, Bridgewater, NJ;
(908) 658-3000 Time: 5:45 – 8:30 pm

Cost: \$25.00 at the door. Free for students. Cash, check and PayPal options are available. This meeting is open to all SAMPE members, spouses, guests and other interested parties. For reservations or questions, please 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

2018 – 2019 Meeting Schedule

September 6, 2018 – Melissa Jaime, SolEpoxy

October 4, 2018 – Bob Lin, Evonik

October 15-18, 2018 – CAMX, Dallas TX

November 1, 2018 – Louis Pilato, Pilato Consulting

December 6, 2018 – Hitesh Soni, Emerald Materials

February 17, 2019 – Joint meeting with ASM, Bo Sutch, 3HTi

March 7, 2019 – Todd Rumbaugh, Hadland Imaging (Shimadzu)

April 4, 2019 – Students Night

May 2, 2019 – TBD

May 20-23, 2019 – SAMPE 2019, Charlotte NC

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