



Date: Thursday January 10, 2019	SCHEDULE:
Location: Zehnders of Frankenmuth - Town Hall downstairs	6:00 PM - Social Hour
Meal: Family Style Chicken (fried and broiled) & Livers dinner	7:00 PM - Dinner
Tickets: \$25.00	8:00 PM - Business Meeting
	8:15 PM - Program

MANAGEMENT NIGHT

Drone Technology - Benefits of Reality Capture for Safety

SPEAKER: JOHN BROWN

John R. Brown is the supervisor of Reality Capture Group for the General Motors Manufacturing, Engineering and Integration Department. The primary focus of his group is in maintaining current conditions site and process layouts for the Central Layout Group. However, over the last few years his teams' role in GM has expanded to include simulation for new production, safety related data collection and property documentation.

John's presentation will highlight the use of various technologies including low level aerial LiDAR, static 3D Scanning and how their being used by virtually all of the Engineering groups within GM. He'll also discuss the use of sUAS (drones) for remote data capture in order to limit or eliminate exposure to hazardous areas.

John Brown brings over 25 years of experience in the Civil Engineering and Land Surveying industries to GM. Over the last 17 years, John's priorities have been on the use of 3D Laser Scanning for the development of accurate and complete facility models for various industries. Some of the projects he's managed have included, Unit 2 Reactor Building survey at the Three Mile Island Nuclear facility, the Los Alamos National Laboratory steam distribution system, Building preservation for the White House and Historical documentation projects for Easter Island, the Mayan ruins at Chitzen Itza and the Missions of San Antonio (the Alamo).



FOR INFORMATION CONTACT:

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Jill Adcock, GMPT	989-245-6586	Bill Veresh, VIB/CON	989-755-9175

The AFS Saginaw Valley Chapter is looking for volunteers the help at the following Foundry in a Box Sessions If you are interested in helping teach youth with our Foundry in a Box activity, please contact Susan Manyen at susan.manyen@gm.com.

The AFS 2018-2019 Program is posted to the website. Mark your calendars.

Next AFS Dinner meeting is Thursday, February 7 with speaker Steve Puvalowski about the Tri City Speedway.

Dinner Dance is Saturday, February 9, 2019 at the Double Tree Hotel in Bay City, contact Roger Maser at rmaser@mt-systems.com for reservations

Dinner meeting on Thursday, March 7, 2019 with WMU students talking about Die Casting in a Box

Golf Outing is Saturday, June 1, 2019

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See the AFS Saginaw Valley Chapter web site for Chapter information, photos from prior events and links to our sponsors.

www.saginawvalleyafs.org.