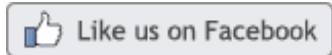


Dayton-Cincinnati AIAA News

October 2018

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Be sure to join us for our lunch and learn next Friday and our Distinguished Lecturer Dinner Meeting on Monday, November 5th!

Upcoming Events

Lunch and Learns

- Dr. Eric Ruggiero -- Spinning Digital Threads in Aerospace -- Oct 19, 11:45AM-1:00PM -- China Garden Buffet, Dayton, OH
Digital Industrial revolution is about more than just data. It's maximizing value for customer fleets: Asset Monitoring, Fleet Optimization, and Improved Reliability. Digital Twin therefore demands integration of sensor and inspection technology on the manufacturing shop floor at levels never before demanded of the supply chain. This presentation will illustrate the framework that makes the Digital Industrial possible in the aircraft engine industry, connecting the dots between sensors, digital twin models, and analytics to provide additional value to the customer.

Dinner Meetings

- Distinguished Lecturer -- Mr. Greg Meholic -- Advanced Space Propulsion Concepts for Interstellar Travel -- Nov 5, 6:00-9:00PM -- Fairborn Holiday Inn, OH
Mr. Meholic will discuss some compelling reasons why humans should explore the heavens beyond the bounds of the solar system. He will take an evolutionary approach by exploring advanced engine systems intended for long-range solar system exploration, such as nuclear engines, antimatter engines and interstellar ramjets, which define the capability limits of chemical propulsion. He will then describe a new paradigm of "propellantless" propulsion schemes Concepts such as space-time manipulation, faster-than-light travel, wormholes, quantum drives, and so on, may provide the only viable propulsion options to enable reasonable trip times to distant stars. Greg will hopefully instill the belief that mankind will someday move beyond the bounds of our solar neighborhood. Please see the flyer to RSVP by Oct 31.

STEM, Educational Outreach, and Council Meetings

Opportunities and Educational Outreach

To find out more or volunteer for any of our STEM events, please contact aiaa.daycin.stem@gmail.com!

Council Meetings

Everyone is welcome to join our monthly council meetings. We discuss past and future events with a focus on planning activities for the upcoming quarter. Whether you are looking for an opportunity to help with a lunch or lead the section, come and express your interests! DLM meetings are upstairs in the community room.

- Section Council Meeting -- Oct 17, 2018, 6:00PM-8:30PM -- Dorothy Lane Market, Springboro, OH
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