



## **Call for Participation**



## October 22 – 26, 2018

### International Expo Center – Cleveland OH

EnergyTech Conference & Expo brings together experts in the vital sectors of

#### Energy, Power, Transportation, Aerospace, and Infrastructure

to address Systems, Projects, & Technology issues: Interfaces, Complexity, and Risk

#### **Conference Papers, Panels, Posters, Presentations**

The EnergyTech Conference Series, with the leadership and support of primary sponsors INCOSE and NASA, and in collaboration with leaders in InfraGard, IEEE, AIAA, SAE, ISA, PMI and various private sector sponsors and exhibitors continues to evolve in scope and content as a major impactful forum for advancements in Energy, Power, Transportation, Security, Critical Infrastructure, and Technologies.

#### Exhibits: Systems, Energy, Control, Transport & Technology

Exhibitors are invited to present relevant products, programs, technologies

its happening at EnergyTech – lighting the way to a brighter future

www.energytech.org

- System Models /Engineering of Critical Infrastructure for Resiliency & Economics •
- "New" Nuclear/SMR/ NextGen Power: Scaleability, Value, Safety, Resiliency
- Impacts to the Environment what's the best course? A Systems Approach
- Evolving a "National Energy System Reference Model"

#### **SPEAKERS/PRESENTERS:**

Please note: Abstracts Deadline -- July 28, 2018.... Submit online at www.energytech.org

**EXHIBITORS:** Cleveland's IX center has ample capacity for exhibits. EnergyTech2018 will feature advanced technical exhibits Aero / Energy / Transport / Infrastructure / Systems. Visit www.energytech.org

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Organizer: Telepath Systems, Inc.

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#### Energytech 2018 Themes / Topics of Interest

- System Engineering, Complexity, MegaProject Mgmt.
  - SE Principles, Complex Systems Engineering, System of Systems
  - Model-based methods, modeling Humans, Environment, Threats
  - System Life-cycle Decision Support for "Smarter" development
  - Managing Systems, Projects, Complexity & Risks: PM/SE Integration

#### Standards & Technologies for Control, Propulsion and Power

- Power generation, Energy conversion, Storage, Battery advancements
- System Control, Autonomy, Control S/W development •
- Sensor technology, IoT, Industrial IoT, ICS networks & security •
- Thermal Heat Management, Turbines, and Power Quality
- Security threats/ issues /Standards Cyber, Physical, Solar, EMP

#### Advanced Electric Aircraft & Air Transport Systems

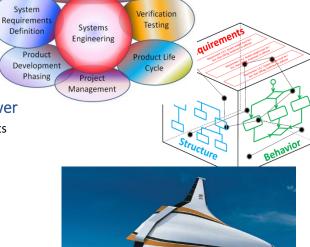
- Whole Vehicle simulations, Hybrid Aero Power, Aero Infrastructure Systems
- Modeling & Simulations, Systems analysis, Design, System Optimization
- Testing/Testbeds: Facility capability, Static and Dynamic tests
- Securing the Aero Transport Systems from multiple threat scenarios

#### Transportation Electrification & Support Systems

- Advancing Transportation: Urban Mobility, Technologies & infrastructure •
- Electric & Autonomous Vehicles: Where we are Where to When do we FLY
- Preparing the City/ Energy Infrastructure for the new age of Electric Transport •
- Technology transfer from/to advanced Aerospace and other sectors
- Applying Model-based System Engineering to the Transport Infrastructure
- NextGen: Flying Vehicles / Smarter Cities / Advanced City Infrastructure

#### Microgrids, Energy Systems and Critical Infrastructure Resiliency

- MicroGrids & De-Cemtralization: Transformation to a "Smarter" Grid
- Distributed Energy, Renewables, and advanced Energy Storage
- Advanced technologies for Smart Grid: Macro / Mini / Micro / Nano Grid
- Mitigating Risk, improving Robustness & Resiliency in all Grid Solutions •
- DC vs AC IoT, Controls, Network Solutions for micro and macro grid systems



INCOSE

Electrical Mechanica Software/Firmware

Industrial Design Human Factors Engineering

