

2018 Professional Development Opportunity: Conference Attendance Request

Attention: _____

Title: _____

RE: Request to participate in ISA POWID 2018

Submission Date: _____

WHO?

For more than 70 years, **The International Society of Automation (ISA)** has served as the leading source of technical content and resources for automation professionals.

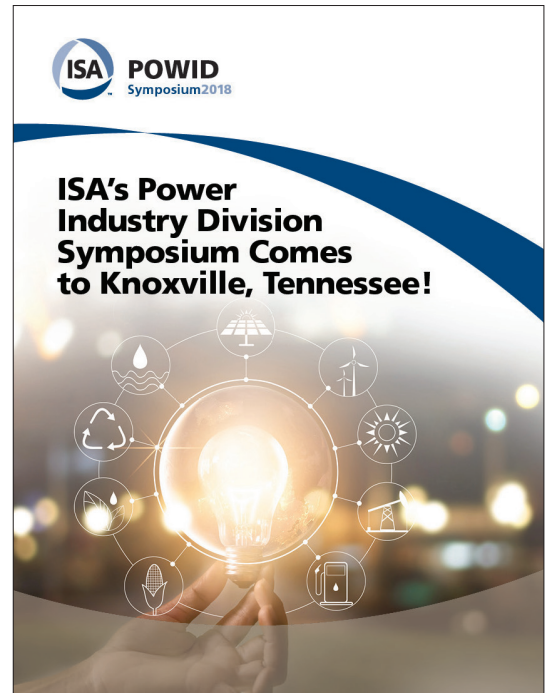
WHEN & WHERE?

From **25-28 June 2018**, ISA will host its **2018 Power Industry Division (POWID) Symposium in Knoxville, Tennessee**, where leading power industry automation professionals and experts will present and discuss the latest innovations in automation, controls and instrumentation in the power generation industry.

WHAT?

The 2018 technical conference program features **training courses** led by industry experts, **technical presentations**, a **vendor exhibition** showcasing a wide array of solution providers, as well as numerous **networking opportunities**.

Each year this international conference, the largest single event of its type, brings together industry professionals in the power generation field with a primary focus on instrumentation and controls.



WHY?

I would like to request approval to attend this conference! I believe my participation in this event is critical to my professional development and would bring new ideas and approaches to my position and our organization.

Topics/areas to be covered include:

Fleetwide

- Equipment Development
 - New Sensors
 - Wireless Sensor Applications and Standards
- Fieldbus
- Embedded Sensing
- Human Factors Engineering
 - Alarm Management
 - High Performance HMI
 - Control Center Design
- Fleet Management
 - Inspection and Maintenance
 - Condition Monitoring Systems
 - Alarm Management
 - Training the Next Generation
 - Monitoring and Diagnostics
 - Big Data
 - IIoT

Fossil

- Environmental Control Systems
 - Scrubbers
 - SCR Controls
 - Regulatory Challenges
 - MATS Compliance
- Combustion Turbine and Combined Cycle Plants
 - Operational Flexibility
 - Start-up and Ramp Rates
 - Load Range Extension
- Existing and Future Fossil
 - Regulatory Challenges
 - Cycling
 - Operation Flexibility

Nuclear

- Operating Nuclear Plants
 - I&C System Upgrades
 - Plant Life Extensions
 - EMI Testing and Immunity

- New Nuclear Plants
 - Conventional Commercial Reactors
 - Small Modular Reactors
 - Regulatory Challenges
- Programmatic Issues
 - Setpoints, Uncertainties, and TSTF-493 Implementation
 - Commercial Grade Dedication
 - Operability Determinations
 - Suspect and Counterfeit Parts
- Renewable and Distributed Generation
 - Optimization of Renewable Power (hydro, wind, solar, biomass, etc.)
 - Thermal Cycle Augmentation for Renewable Steam Power
 - Energy Storage
 - Process Modeling and Predictive Controls

- Challenges
 - Long Term Reliability and Maintenance Issues
 - Renewable Power Forecast and Management Cybersecurity
 - Case Studies in Cybersecurity Implementations & Audits
 - Balancing Compliance Requirements with Security Needs
 - Analysis, Developments, Applications, and Cases Studies
 - Analysis on the Efficacy of ICS/SCADA Cybersecurity Technologies or Processes
- Emerging Technologies
 - Simulation and Training
 - Advanced Control
 - Advanced Sensors
 - Automation

CONTINUED ►

HOW?

I plan to **attend the following sessions** to obtain valuable information and strengthen my professional development.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

I plan to **meet with the following exhibitors** to discuss potential process solutions for our organization’s operational efficiency and profitability.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

As available, session descriptions and a listing of exhibitors can be found at www.isa.org/powid2018

INVESTMENT?

Projected investment for attending ISA’s 2018 Power Industry Division Symposium:

Travel/Attendance	Amount	Description/Comments
Conference Fees	\$	
Training Fees	\$	
Hotel	\$	
Airfare	\$	
Transportation	\$	
Meals	\$	
Miscellaneous	\$	
Estimated Investment	\$	

Through my attendance and the valuable knowledge I will be able to gain, this investment will show a potential return of increased productivity, more efficient practices, new insights/ideas, as well as possible proven solutions. Upon my return, I will also provide a trip report summary with key takeaways and recommended actions.

I would appreciate your approval of this request, and will ensure we get the full value out of my participation in this event.

Thank you for your review and consideration!

Employee: _____ **Title:** _____

Phone: _____ **Email:** _____