Why Attend?

The conference theme for the INCOSE Region IV Autumn 09 Conference is:

Using the POWER of Applied Systems Methods

The conference provides a renewed focus on the application of advanced methods and tools applied by modern Systems Engineering to the analysis and solutions of complex problems for intelligent decision making. Specific focus in this conference will be on ***Applied Systems Methods*** for ***Energy and Power Systems*** of the future. Along with the increasing complexity of the problems confronting our civilization, system complexity has dramatically increased over the last several decades. It is therefore even more important today to deploy advanced methods and improved processes to effectively track life-cycle costs, calculate risk and complexity, and leverage best solutions and techniques.

The conference will include papers, tool presentations, and methods discussions.

Conference Audience

INCOSE Region IV Autumn 09 Conference is geared for systems engineers, functional engineers, power & energy specialists, and program managers interested in learning more about how to apply powerful methods to create solutions for complex systems. Attendees will have an opportunity to network with many other Energy and Systems professionals representing industries, educational institutions, and government agencies.

Program Highlights

Sunday, October 25, 2009 (evening)

- Welcome Reception
- Dinner, Introductions
- Featured Speaker: Dr. John Schneider AEP- Future "SmartGrid" Energy Systems
- Networking

Monday, October 26, 2009

- Welcome - Plenary Session
- Keynote Speaker – Dr. H.H. Schmitt
- Papers, Methods, Tools
- INCOSE Vision 2020
- Exhibits & Demonstrations
- Closing Event

Speakers and presenters include established system professionals from the Energy sector and Systems Engineering on a wide range of topics focused on systems solutions for our complex energy needs, and model-based methods for informed decision making and life-cycle management methods.

Selected exhibitors have been invited to preview their latest solutions for system modeling / decision support capabilities. Modern SE tools and methods will be demonstrated by vendors with advanced solutions.

Registration:

http://www.incose.org/cleveland/RS09/RS09main.htm

For more information:

www.incose.org/cleveland/

— OR CONTACT—

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INCOSE Conference

Region IV - Autumn '09

Using the POWER of Applied Systems Methods

Sponsored by:

INCOSE
International Council on Systems Engineering

INCOSE Cleveland Northern Ohio

WITH REGION IV CHAPTERS
AND THE CLEVELAND ENGINEERING SOCIETY

October 25-26, 2009, at

OAI
Ohio Aerospace Institute

OHIO Aerospace Institute

22800 Cedar Point Road
Cleveland, OH 44142
440.962.3000

INCOSE RS09

Several Region IV chapters of the International Council on Systems Engineering (INCOSE) have joined forces with OAI and CES to sponsor the INCOSE Region IV Autumn 2009 Conference on systems engineering in Cleveland, OH.

The INCOSE Region IV conference theme is:

Using POWER of Applied Systems Methods

The focus of the technical program consists of 2 tracks running simultaneously:

1. Systems Engineering: Power Tools and Methods for solving Complex Problems
2. Power and Energy Solutions: Using advanced Systems Methods for today's complex energy problems

Region IV Chapters of INCOSE fully committed and engaged in the planning include:

- Cleveland Northern-Ohio
  http://www.incose.org/cleveland
- Michigan (Detroit, MI)
  www.incose.org/michigan/
- Finger Lakes (Rochester, NY and environs)
  www.incose.org/flc/

INCOSE was formed to foster the definition, understanding, and practice of World Class Systems Engineering. INCOSE brings together systems engineering professionals from industry, academia, and government to disseminate systems engineering knowledge, promote collaboration in education and research, establish standards, and enhance the professional status of systems engineering practitioners.

The cost for INCOSE members is very affordable at $75 and for non-members, $105 and is inclusive of the lunch being offered. Dinner tickets for the evening of 10/25/09 are additional at $40 per plate, to be held at a local fine dining establishment.

TECHNICAL CONTENT

Papers, systems methods, and tools in all areas of systems engineering leadership, energy & power solutions, model-based systems methods and performance have been organized for a full day of informative program content. The technical program is organized around the following major tracks and sessions.

- **Keynote address: Dr. Harrison H. Schmitt (*)**
  Former Astronaut/ US Senator presents a unique Vision:

  "Systems Engineering - Return to Deep Space"

- **Track1: Systems Methods, Tools & Principles**
  (Session Chair: Dennis Rohn)
  3 Systems Engineering paper presentations and 5 vendor demonstrations on systems solutions to complex problems)

- **Track 2: Power and Energy Systems**
  (Session Chair: Ray Beach)
  8 paper presentations on the topic of system methods applied to the complex issues of next generation power & energy systems)

- **Vendor presentations**
  Selected high-profile Systems Engineering solutions vendors will showcase their advanced tools and methods for model-based life-cycle management for complex systems.

- **Discussion**
  A moderated plenary concluding session with panel of experts will be assembled to address lessons and issues from the presentations and activities.

Following the Panel Discussion, an award will be given for "Best Paper" in addressing the full theme, principles, and focus of the conference.

For details and registration, please visit:

http://www.incose.org/cleveland/RS09/RS09main.htm

www.incose.org/cleveland

(*) Following the conference, the Great Lakes Science Center will host Dr. Schmitt for a public presentation on their "Return to the Moon" exhibit display.

EXHIBITS / SPONSORSHIP

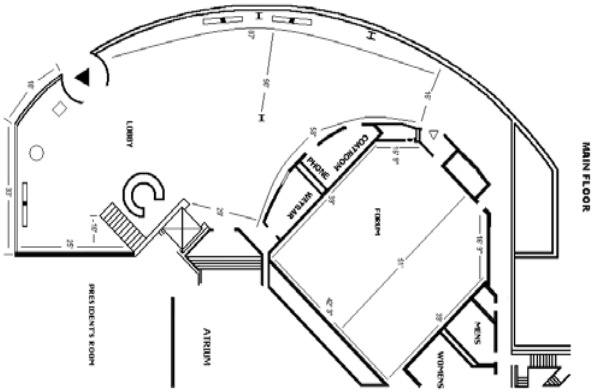
Sponsors and Exhibitors are invited to present their systems products and services to a select audience of professionals and industry customers.

Exhibit prices differ based on Sponsorship levels, exhibit size/location as follows:

- Gold Sponsor ($2500): Large Booth space approximately 8'x 10', or 6'x 12'. Also includes a one-hour session presentation in the SE Track.
- Silver Sponsor ($1500): Small Booth Exhibit areas approximately 6'x 8'.
- Bronze Sponsor: ($1000) includes exhibit Table approx (6' x 2')

The beautiful, modern facility of the Ohio Aerospace Institute is an ideal location for the INCOSE Region IV Autumn '09 conference.

OAI Complex



For information on how your company or organization can sponsor or exhibit at the conference contact the Conference Chair: Conference Registration Chair, or visit the web site for a complete exhibitors or sponsorship application:

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