
September 2007

Rock River Valley Section

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Event



Sense

The Institute of Electrical and Electronic Engineers, Inc.

Computer/Control Systems, PELS, IAS Chapters Meeting

Hamilton Sundstrand Tour

WHEN Thursday, September 27, 2007

WHERE

Hamilton Sundstrand, Plant 6, 4747 Harrison Ave, Rockford (corner of Harrison and Alpine). Please park in Visitors' Parking. Go to the main lobby visitor's entrance (in front of the fountain on Harrison).

AGENDA

6:00 PM sharp—Arrival
6:15 PM Dinner
6:45 PM HS Presentation Begins
7:15 PM Tour Begins
9:30 PM Tour Ends

Tour

Hamilton Sundstrand (HS) is a global corporation with a variety of business units that design, manufacture and support Aerospace, Industrial, and Space, Land & Sea products for worldwide markets. Aerospace Power Systems, providing electric systems, air management systems, and APU and gas turbine engine power systems, Engine & Control Systems, providing engine systems, dynamic controls, and fluid management products and heat exchangers, and Flight Systems & Services, providing space and undersea systems, flight systems, aviation and avionic equipment, sensor systems and customer service altogether comprise the HS Aerospace Businesses business unit.

Some of the specific products are electric power generating, distribution, management and control systems. Some of the control systems are: fuel



and special fluid pumps; engine control systems; gearboxes; primary and secondary flight controls and actuation systems; ram air turbine emergency systems; auxiliary power units; environmental control systems; propeller systems; torpedo propulsion systems; launch vehicle hydraulic power units; and electronic controls and components.

The aerospace products serve the commercial, military, regional and general aviation markets, as well as the space and undersea markets. After-market services include spare parts, overhaul and repair and engineering and technical support. Industrial products serve the general industry, hydrocarbon, power generation, construction, mining, chemical, water and waste treatment, wood and paper and agribusiness markets.

The tour of HS will be of Plants 5 and 6 in Rockford where engineering design, development, and testing occur. **The**

new 787 test integration labs will be included in the tour.

You must register in advance for the tour. No walk-ups will be allowed to tour. Please call or email Ginger using the contact information below for meals. Non-residents must identify themselves to comply with HS security requirements.

MEAL INFORMATION

Dinner will be sandwiches—Smoked Turkey/cheese, Chicken Carbonara/bacon/cheese, Veggie/cheese. The costs are: member: \$5, non-member: \$10, student members: \$2, and student non-members: \$3. Please make your **dinner reservations by calling Ginger at 815-394-5696 or sending her an email (ginger.spinasanta@hs.utc.com) by Monday, September 24, at 5pm.** Please include the following information: your name, **citizenship status**, phone number, email address, IEEE member number, and choice of sandwich. Unemployed members may call one of the officers for special arrangements.

NOTE

The meeting is open to the general public. You need not be an IEEE member. Guests are welcome. Please call Ginger at 815-394-5696 for questions.

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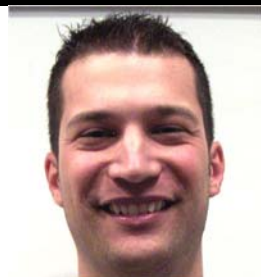


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The Rock River Valley Section gratefully acknowledges the following companies and colleges for supporting Section Officers:

Hamilton Sundstrand • Northern Illinois University • Rock Valley College • River North Solutions



Rock River Valley Section
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RRVS Calendar

- September RRVS Section Meeting** **September 27**
Hamilton Sundstrand Tour, Rockford, IL
- October RRVS Section Meeting** **October 25**
"The Electric Power Industry and Climate Change", Rock Valley College, Rockford, IL
- November RRVS Joint Section-NIU Student Branch Meeting** **November 15**
"TBD", Northern Illinois University, DeKalb, IL


Rock River Valley Section Chapters




Industry Applications Society Chapter
Established 1992



Joint Computer/Control Systems Society Chapter
Established 1995



Power Electronics Society Chapter
Established 1996



Electromagnetic Compatibility Society Chapter
Established 2007

Time-Sensitive Material

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