

Joint IEEE/INCOSE Meeting

March 13th, 2008

Topic:

JOINT TACTICAL RADIO SYSTEM (JTRS)

JTRS is planned as the next-generation voice-and-data radio for use by the U.S. military in field operations after 2010. It is a software-defined radio that will work with many existing military and civilian radios. It includes integrated encryption and wideband networking capability to create mobile ad hoc networks.

This presentation will discuss the e-battlespace, legacy radio capabilities and inadequacies, military transformational communications activities, the benefits and programs of JTRS, tactical radio networking, system and hardware and software architecture, spectrum utilization and a program outlook.

Speaker:

Paul K. Wagner was born in Lansing, Michigan. He received the BSEE degree with honors in electrical engineering and systems science from Michigan State University, East Lansing MI. He has also taken graduate study at Florida Institute of Technology, Pennsylvania State University and Iowa State University.

Paul is currently employed by Rockwell Collins. He has also worked for ITT, Thomson Consumer Electronics, the NASA Glenn Research Center, General Electric, HRB-Singer and Harris Corporation. His professional interests include advanced satellite communication systems, analog and digital modulation techniques, MODEM performance simulation, real-time high-speed digital signal processing and systems engineering.

Where:

Metro Buffet, 2745 Blairs Ferry Rd NE in Cedar Rapids

When:

5:30 PM Social
6:00 PM Dinner
7:00 PM to 8:00 PM Presentation

Price:

No charge for the presentation only
INCOSE members: Paid by INCOSE
IEEE members: \$15.00
IEEE student members: \$10
Guests of members: \$15.00
Non-members: \$19.00

Reservations:

IEEE:

<http://www.ieee-cr-section.org/>

Click on '**Register Now!**' hyperlink on Meeting Webpage.

Or Contact **Zaid Towfic** (319) 263-8260, email: zaid.towfic@ieee.org

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