



ISA—The Instrumentation, Systems, and Automation Society



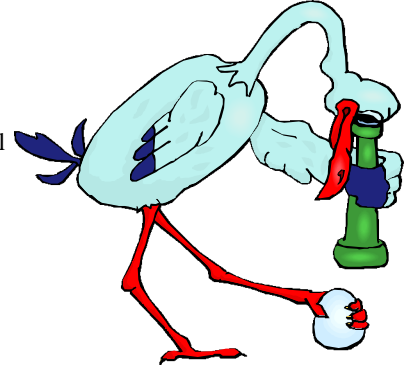
TRANSDUCER

FEATURE EVENT:

Section Meeting:
Wednesday, February 19, 2003
- Non-Members Invited! -

What's New in IR Thermometry and Imaging

The worlds of infrared temperature measurement and thermal imaging are beginning to merge. Most industry observers realize that the basic physics behind the two technologies is exactly the same and now the equipment is catching up rapidly. Focal plane array area detectors have revolutionized thermal imaging in the past few years. Advances in microcomputers and digital electronics have made things possible that were hardly thought about 5 years ago in both types of equipment. Reduced size, lower power consumption and advanced processing of measured signals bring new capabilities to process measurements, maintenance management and non-destructive testing. Some non-measurement advances include fire, law enforcement, security, auto & truck night vision and miniscule defect detection in many different areas.



Speaker:

G. Raymond Peacock, President
– **Temperatures.com**

G. Raymond Peacock is a Senior Life Member of ISA with many contributions to ISA including Course Developer and Instructor for the Training Dept since 1987. He recently returned to the area after retiring from LTV Steel's Technology Center in Ohio where he was Corporate Thermometry Specialist for nearly 13 years. He was a consultant for three years after he spent 16 years with Land Instruments in a variety of positions from Marketing Manager thru VP Engineering. His web site "About Temperature Sensors" that was started in 1996 to informally supplement the ISA temperature measurement course (and to help him learn html) is a popular Web site with students, scientists and technicians all over the world. It is the core of his new consulting company.

Sponsoring Vendor Displays:

- Flir Systems** – Ed Kochanek
(<http://www.flirthermography.com/english/default.asp>)
- Infraspection Institute** – Jim Sefferin
(<http://www.infraspection.com>)
- Land Instruments** – Charles Casale
(<http://www.landinstruments.com>)
- Mikron Infrared** – Scott Nagle
(<http://www.mikroninfrared.com>)
- Raytek Corporation** – Bill Noderer
(<http://www.raytek.com>)
- Weiss Instruments** – Ed Watko
(<http://www.weissinstruments.com>)

DATE & TIME: Wednesday February 19, 2003; social at 6 PM; presentation at 7 PM .
Food & drinks will be provided during social time prior to the presentation.

LOCATION: Siemens Offices (look for large sign on outside of building),
1015 Virginia Drive, Fort Washington, PA (West of Honeywell)

DIRECTIONS: PA Turnpike Exit 26 (Fort Washington at Route 309), follow signs over several streets toward Expo Center, also on Virginia Drive; From Trnpk/309, will be on right prior to Expo Center/Honeywell; from Susquehanna Rd/Limekiln Pike, will be on left after them. **Easy pass exit** at Virginia drive now in operation! [Westbound only]

Also: Get map from our website

COST: A modest \$10.00 for a commonsense light meal, but plenty for "seconds."
If eating, please register by Monday, February 17, by calling Lynn Swan at Advanced Controls: Phone: (215) 674-4777
E-mail: <mailto:ace1afpl@aol.com>

NOTE: Also see Philadelphia Section Website: <http://www.isa.org/~phila/phillyisa/index.htm>

To remember how to find us at any time: Just merely go to [www.isa.org], select [sections], then [Philadelphia]

ALSO: Type "philadelphia isa" into any major search engine, such as GOOGLE and we are the first or second entry that appears!

⇒ **Copy this notice for posting at your company; pass it on to anyone else you feel is interested!** ⇐