



IEEE NEWS FOR JUNE 2012

Jacob Z. Schanker, P.E., Newsletter Chair
Rochester IEEE home page at: <http://rochester.r1.ieee.org>

Rochester Section Meeting – Tuesday, June 5, 2012 at 12 Noon

The June Rochester Section business meeting is on Tuesday, June 5, 2012 at 12:00pm, at the Shanghai Restaurant, 2920 West Henrietta Road, just south of the intersection with Brighton-Henrietta Town Line Road.

Any IEEE member is welcome to attend and to participate, or just to observe. Lunch is \$3 for IEEE members. No reservation or RSVP is needed, just show up. Come to enjoy the renowned Shanghai cuisine.

IEEE at the E-Cubed Fair

The IEEE Rochester Section supported the 2012 E-Cubed Fair at RIT with our K-12 Education donation and booth exhibit this year. Jean Kendrick (Section Secretary) and Joe DeVita (Section PACE Chair) encouraged over 150 middle school students to consider the many fields of study that IEEE supports through our technical societies. Thirty six of those societies were highlighted. Our message was to explore career areas that were of interest to them and to also learn about others that they might not be familiar with.

Our exhibit included a simple game of “Careers – Choice or Chance“. Students could explore a possible new area of technology by rolling electronic dice. The dice would provide two digits which represented one of 36 IEEE societies and a short description of the field of study and its applications. The descriptions were encoded into individual QR codes (Quick Response Code matrices). The students would then use a hand-held scanner to scan the codes and reveal the description.

We also had the opportunity to explain the underlying fundamentals of hand-held devices, their application and the talent that these products called on for their development and use.

Our appreciation and thanks to Frank Weiner at Bridgekey and Lino Contestable at

L-Tron for providing demonstration material. Bridgekey Engineering Solutions, located in Brighton NY, provides design services for embedded control applications. LTron Corporation, located in Victor NY, specializes in data collection and barcode systems.

(Submitted by: Joseph DeVita, PACE Chair)



Jean Kendrick and Joseph De Vita at the 2012 E-Cubed Fair

Joint Workshop on Remote Sensing for Disaster Response and the Science of Geohazards

This *free* workshop will be of interest to many of our members.

The Rochester Institute of Technology (RIT) and University at Buffalo (UB) Information Products Laboratory for Emergency Response (IPLER) and the UB Center for Geohazards Studies are pleased to announce a joint workshop on the application of remote sensing for disaster response and the science of geohazards, to be held May 30-June 1, 2012, at the RIT campus in Rochester, NY.

Disaster can strike anywhere and at any time and place; however, our "geospatial response" to disasters can be improved through the use of remote sensing technology and knowledge of geohazard phenomenology. The RIT-UB IPLER program seeks to stimulate innovation in the remote sensing industry by

- (i) working with the disaster response community to understand their information needs and operational limitations,

- (ii) introducing them to the capabilities of remote sensing technology, and
- (iii) conducting research to improve our response to and mitigation of disaster events.

For more details please visit the workshop website at <http://ipler.cis.rit.edu/workshop>

Brief highlights:

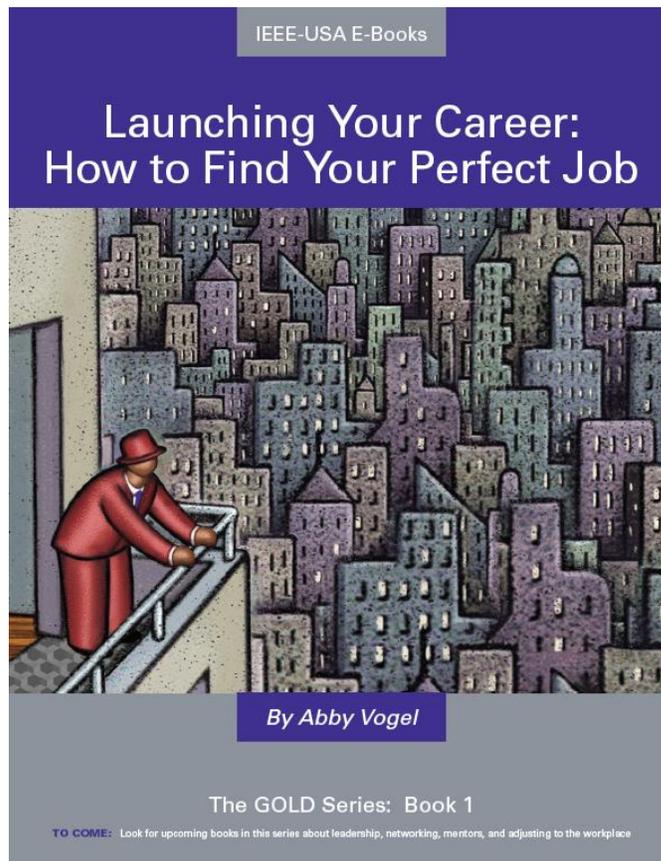
1. Keynote speakers from federal agencies and the commercial sector:
 - Ms. Brenda Jones (United States Geological Survey; Disaster Response Coordinator)
 - Dr. Matthew Pritchard (Cornell University; Earth and Atmospheric Sciences)
 - Mr. Ron Eguchi (ImageCat Inc.; President & CEO)
 - Dr. Shay Har-Noy (TomNod Inc.; CEO)
2. Meet fellow attendees from industry, academia, and government.
3. Listen to talks and roundtable discussions, including student presentations on their latest research and hear about IPLER remote sensing support to the 2011 Japan earthquake and tsunami and recent flooding in New York State (storms Irene and Lee)
4. Participate in learning workshops dealing with the use of remote sensing systems (selection, tasking, and data processing).
5. Travel by complimentary bus to an on-site workshop, hosted at UB by the Center for Geohazards Studies
6. Observe a demonstration of an airborne remote sensing system, image collection, processing, and dissemination, all in real-time (weather permitting).
7. Free lunch (yes there is such a thing) and dinner will be provided to attendees on days 1 and 2

Free registration: <http://ipler.cis.rit.edu/node/59>

Please contact Dr. Jan van Aardt (vanaardt@cis.rit.edu) or Dr. Greg Valentine (gav4@buffalo.edu) if you have any questions about the Information Products Laboratory for Emergency Response (IPLER) or the UB Center for Geohazards Studies, respectively.

June's free e-book for members is on finding the perfect job

IEEE-USA's free e-book to members in June is "Launching Your Career - Book 1: How to Find Your Perfect Job." After June, the member price is \$4.79. The nonmember price is \$5.99. IEEE members can download this free e-book in June at: <http://www.ieeeusa.org/communications/ebooks/>.



Some other useful IEEE links

Web: www.ieeeusa.org

Facebook: www.facebook.com/ieeeusa

Twitter: www.twitter.com/ieeeusa

Join IEEE: www.ieee.org/join

Annual Section Membership Meeting – June 27

Our Annual Membership Meeting will be held at *The Strong National Museum of Play* <http://www.museumofplay.org/> on Wednesday, June 27, 2012 from 6:00 to 9:00 PM. Admission will include dinner and play at two of the museum's exhibits. You will also have an opportunity for a special behind-the-scenes tour of the International Center for the History of Electronic Games.

- Food and drink begins at 6PM in the *Caterpillar Atrium*.
- The brand new *Design Zone* exhibit will be available for exploration from 6:30 to 8:30.
- *eGameRevolution*, the museum's electronic game display featuring 40 classic arcade games to play, will be open from 7:00 to 8:30. Each registrant will start off with 6 tokens.

Come for companionship, fun, networking, play, food, games and more fun.

Register on-line at **vTools**:

https://meetings.vtools.ieee.org/meeting_view/list_meeting/12773

Registration includes museum admission, dinner, and 6 tokens for game play.

Members and member's guest:	\$25
Students and children:	\$15
Unaffiliated non-members:	\$35