



The International System Safety Society

*Tennessee Valley Chapter*  
ALABAMA - MISSISSIPPI - TENNESSEE

<http://www.iss-tvc.org/>

## February 2016 Newsletter

### Tennessee Valley Chapter Officers

**President:** Christopher Trumble, 256-847-3247

**Vice President:** Open

**Treasurer:** Ronnie Sams, 256-842-1005

**Secretary:** Jason Rupert, 256-313-8650

**Immediate Past President:** Ken Rose, 256-645-1621,

**Special Events Coordinator:** Open

**Webmaster:** Don Swallow, 256-842-8641

### President's Corner

Our chapter is a synergistic group of professionals, where the effect of our collection of members is greater than that of a single person. Members play an important role in the functioning and success or failure of an organization. Just as the success of a library depends on having active readers, our chapter of the International System Safety Society depends on having active members. We are blessed with having a number of members who can be relied upon to get involved, assist and participate in events, attend meetings and take on leadership roles. I encourage those members who are apprehensive to participate to at least stick your toe in if you are not ready to take a giant leap and participate in some form. Whether you attend meetings regularly, author a paper, assist with an event, or get involved in one of the many other ways the society offers, you will get personal satisfaction, expand your knowledge, gain experiences, and get so much more out of your Society membership.



### News

As reported in the December newsletter Mr. Steve Hosner has regrettably had to step down as vice president. The Chapter still needs someone to step forward and volunteer to take the Vice President role. Please contact me or Jason Rupert if interested. The planning committee would greatly appreciate your assistance.

The **December** meeting scheduled for Thursday 10 December 2015 was planned as a Christmas social focused on members meeting other members and local engineering

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industry leaders as well as academic institution guests. Regrettably this event was canceled due to insufficient response from the membership



Randall Stanley 20 January 2016 meeting

**January 20<sup>th</sup>** we were fortunate to have Mr. Randall Stanley the CTO of [Plus Location Systems](#) (Huntsville, Alabama) provide a presentation at our host facility [Bastion Technologies](#) (700 Boulevard South, Suite 405 Huntsville, AL). His presentation, "The Application of [Real-time Locating Systems \(RTLS\)](#) Technology to Provide Hazard Notification and Safety Analysis in Industrial Environments" was very well received. Randall provided an overview of the attributes and some possible uses for RF technology to locate, track and manage items. The logistical, safety, security and maintenance management aspects along with the technology which drives the system was explained from a risk management perspective. The turnout for this meeting was good, considering the poor weather conditions and construction on the parkway. The meeting was attended by 16 people (13 members and 3 guests).

Randall explained how RF Technology combined with sophisticated software could be used to track personnel, products, machinery, identify and quantify hazards, assess and improve productivity, security and safety. Randall extended an invitation to attendees to observe a mockup of the system and two members capitalized on this opportunity. The technology appears to have a multitude of uses of value to commercial companies and government agencies. Since [Army regulation \(AR\) 710-2](#) paragraph 1-1(a) requires the Army to use Automatic Identification Technologies (AIT) and this technology seems to meet and potentially offers extra benefits, it will be interesting to see if this technology is leveraged in the near future.

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The [Future Cities competition](#) was held at the [Davidson Center](#) (U.S. Space & Rocket Center), on Saturday January 16th, 2016 9:00 am-12:00 Noon Collaboration at 1:30 pm final awards at 4:30pm. The webmaster, Don Swallom and Christopher Trumble attended and supported the event. We are proud of all the participants' efforts but could select only one winner.

Congratulations to Cedar Ridge Middle School of Decatur, AL for winning the ISSS TVC monetary award

(<http://futurecity.org/region/special-awards>)

for their "Kingsville" SimCity submission. Also, congratulations to our membership for making this award available to the Future Cities competition. I believe this event may encourage those with an aptitude for engineering and science to continue pursuing their passion and eventually picking up where we finish our efforts.



The Chapter of the Year award has transferred in January 2016 from the [APT Research](#) facility to the [Bastion Technologies](#) office. Bastion Technologies has a number of ISSS Members and has been an active supporter of the Chapter. I'm confident the Award will feel at home while it is gracing one of their walls. If your business would like to display the award at their facility just email a request and we will be happy to try to coordinate a period of time for you to display it.

Steve Hosner was working very diligently on obtaining templates which may be of use to the membership and have them posted on the ISSS TVC website. With his decision to step down as vice president due to personal family health matters this project was been put on hold. Since no one has stepped up to take on this task the planning committee has decided to put this on hold and perhaps it will be reconsidered in the future.

The chapter discussed starting a mentorship program and have not received any commitment from members yet. Since no one has stepped up to take on this task the planning committee has decided to put this on hold and perhaps it will be reconsidered in the future.

### Meetings

17 February 2016 [Quantitech](#) 7027 Madison Pike, Huntsville, AL 35806 will be hosting the meeting. We are pleased to have Mr. Dean Nichols from [APT Research](#) presenting. We are confident his presentation entitled, "Risk-based Technique for Explosive Safety" will be of interest to a wide range of our membership and to others in the Tennessee Valley area. Explosives are utilized in many of the systems our membership are

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involved in. Persons in industries such as rockets, missiles, automobile air bags, aircraft fire extinguisher squibs, small arms ammunition and demolitions munitions should have an interest in attending this presentation.

March 16, 2016 [Dynetics](#) 1002 Explorer Blvd. Huntsville, AL 35806 has agreed to host the meeting. Mr. Josh McNeil from US Army [AMRDEC Software Engineering Directorate](#) (SED) has agreed to provide a presentation regarding the US Air Force F35 aircraft software safety program. Software is being used in almost every system, whether it be a military vehicle or weapon system, a commercial aircraft, automobile, ship, power generation or transmission system, etc. It's anticipated our membership will have a keen interest in this topic. Additionally, we are excited to be extending an invitation to the local chapter of the IEEE membership to attend and make this a joint meeting. It is hoped we can mutually broaden our professional network via this meeting.

20 April 2016 [APT Research](#) 4950 Research Dr. NW, Huntsville, AL 35805 will be hosting the meeting. Tom Pfitzer from APT Research will be providing a presentation. Many of our membership are familiar with Tom as he has been active in the Society for many years and done a great deal for the chapter. His presentations are well attended and equally well received. Saving the details of his presentation for a future newsletter.

April 2016 ballots for the Chapter Officers will be sent out. Start thinking now about submitting your name for a Chapter officer position. The Chapter will be needing a President and Vice president for the upcoming year.

### Special Events

The Chapter is looking for volunteers to assist with the following special events:

[Alabama Science & Engineering Fair](#) April 2 - 4, 2015 The University of Alabama in Huntsville Earth System Science Center, CRH 3078 Huntsville, AL 35899. We've missed supporting this event the last two years and I don't want to make it three. If we haven't got your help, we may have to withdraw again.

[NASA Rover Challenge](#) April 7-9, 2016 awards presented last day of race at 5:00 pm. We have a couple of volunteers but there is room for more to participate.

If you are interested please contact Chris Trumble ([Christopher.c.trumble.civ@mail.mil](mailto:Christopher.c.trumble.civ@mail.mil)).

### Awards

Here we go again, beating the drum still. Our chapter has many exceptional individuals who are truly deserving of recognition. Awards are often the only thing our members can receive to help encourage them to continue reaching higher. Our society owes it to our members and their families to recognize their sacrifices that have benefited our way



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of life in substantive ways. I am still waiting for submissions.....I urge you to identify a deserving member and have them recognized.

### **Fun stuff**

The majority of our membership has attended our monthly meetings and has probably noticed we generally have pizza as the lunch food item yet, how much do we know about pizza? Here are some fun facts about pizza:

- In 1835, Alexandre Dumas, author of *The Three Musketeers*, traveled to Naples, where he observed that the Neapolitan poor ate nothing but watermelon during the summer and pizza during the winter.
- The first pizza place in America was Lombardi's in New York City—originally a grocery store, Lombardi's started selling pizza in 1905.
- During the first few decades of the 20th century, pizza was predominantly eaten and sold by working class Italian immigrants.... But after World War II, American GIs came home from Italy with a craving for pizza, bringing the food to a broader consumer base for the first time.
- At first, pizzas were sold exclusively by the pie. But in 1933, Patsy Lancieri (of Patsy's Pizzeria in New York City) started selling pizzas by the slice—a trend that was quickly picked up by other pizzerias.
- Humans aren't the only ones who love the taste of pizza: there's even a mini pizza for dogs called the "Heaven Scent Pizza" made of flour, carrots, celery, and parmesan cheese.
- The first known Chicago deep dish pizzas were created in 1943 by the restaurant that later became the Pizzeria Uno chain.
- Domino's was founded in 1960. The restaurant chain's founder, Tom Monaghan, is one of three people in the world who hold an advanced degree in "Pizza-ology" from the "Domino's College of Pizza-ology"—a business management program he founded in the '80s.
- The first frozen pizza hit the market in 1962. It mostly tasted like cardboard until the genius food inventor Rose Totino got her hands on it.
- The Hawaiian pizza was invented in 1962 by Sam Panopoulos, a native of Greece who ran a pizza place in Canada.
- Pizza may have originated in Italy, but countries around the world have developed their own regional spins on the classic food. In Brazil chefs top their pizzas with green peas, the French love fried eggs on their slices, and in China a crust made of mini-hot dogs is surprisingly popular.

***To the chapter's membership, keep expanding your knowledge and thanks for all that you do!***