



## Tennessee Valley Chapter Executive Officers

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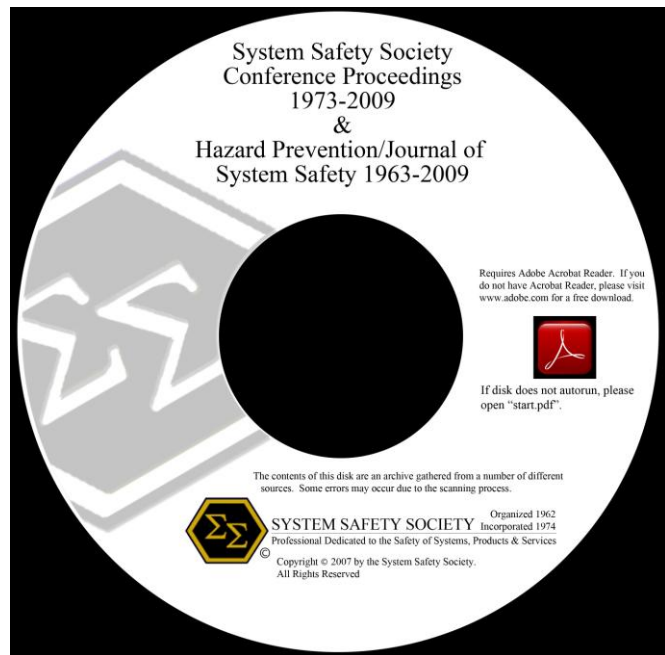
## President's Corner

Several of our members have not renewed their membership, I want to ensure that the TVC chapter is meeting the needs of our members. If you have any suggestions or problems, please feel free to contact one of the chapter officers to discuss your concerns.

## Secretary's Meeting Minutes

On October 21, 2009, Mr. John Rankin presented a synopsis of his tutorial "Identification of Common Cause failure Potential in Electrical Power and Control Systems" to 14 members and 4 guests. APT provided the facility, pizza and drinks for the meeting. Phil Eder discussed the TVC budget and noted that we are expecting money from National for our members and the TVC share of the conference. One of the budget items was to produce new archive sets for the TVC to sell. These should be ready in about a week and the TVC will sell them to members for \$59.95 and non-members for \$79.95. Another approved budget item was purchasing cooler bags in support of the NASA/Army System and Software Forum scheduled 11-12 May 2010. These bags will have the TVC logo on it and we will either put a magnet or brochure in each bag. Steve Hosner presented a little information on the Forum. The forum is expecting 250 people. Myris Dowdy send out a welcome brief to all new members last month. The TVC newsletter was also released a week or so ago. Articles of interest for the newsletter should be submitted to the TVC President.

On Nov 18, 09, APT hosted the TVC SSS Meeting Fourteen members and 5 guests gathered to hear Nina Donath talk about a prototype risk assessment tool being developed by APT. The HATS Holiday reception is scheduled for 8 Dec 09. Steve Hosner has recommended that we come up with a presentation for High Schoolers, I would like the members to provide feedback. The Archive set in process and Web site update will start



Archive sets are now available, see label above.  
\$59.95 for members and \$79.95 for non-members.



soon. Phil Eder provided the treasurer's report. Jim Blanteno discussed the two special events coming up. The Alabama Regional Future City Competition is being held Jan 16, 2010 and the Moonbuggy Race on April 9-10, 2010 at the Space and Rocket Center. The speaker, Nina Donath, manages the Software group at APT Research, Inc. The S/W group develops risk assessment tools and web based S/W for both Government and commercial industry. The ART tool is in the development stage. The ART – APT Risk Management Tool is being developed to aid in assessing and mitigating risk. The tool uses the consequence level and frequency level of each user input to calculate the total risk calculation. You can input mitigation actions and determine the consequence and frequency level after the mitigation and the software will recalculate the risk.

## Vice President's Corner

The TVC has now confirmed meeting locations for all 2009/2010 monthly meetings. Thanks go to APT Research, QinetiQ, and SAIC for volunteering to host our meetings. Presentations are scheduled for December (John Rankin – Safety is a Social Disease) and January (Dave.Sickmeier - Operation of UAS in the NAS). The remaining months are open at this time. Anyone desiring to present at a monthly meeting can contact Mike Pessoney to get on the schedule.

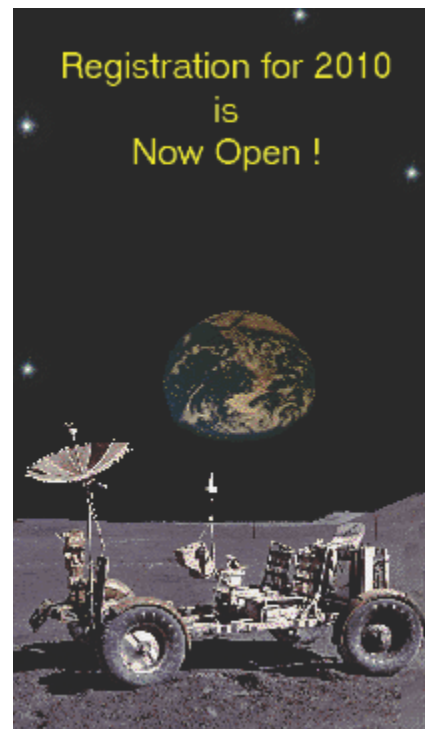
## Treasurers Corner

Phil Eder's presented his Executive Committee approved Detailed budget at the 21 Oct 09 monthly TVC SSS meeting. If you have an item that you would like presented for funding, please contact Phil for a Budget Item Request Form.

## Special Projects Chairs Corner

We are just about in the New Year and ready to start over again. The first thing on our agenda is the Alabama Regional Future City Competition. This competition is for seventh and eighth graders. Using criteria set up by engineers, the students construct a city of the future using Sim City software. The System Safety Society has been sponsoring a special award for several years now. The award is the best use of system safety in building their city. It will be held on Saturday, January 16<sup>th</sup> from 7:30am till 5:00pm on the campus of the University of Alabama in Huntsville at the Shelby Center.

The 17<sup>th</sup> Annual Great Moonbuggy Race will be held April 9-10, 2010 in Huntsville, Alabama, at the U.S. Space and Rocket Center. More to come later on that.





## 2010 International System Safety Society Conference, 30 Aug – 03 Sep 2010

The 28th International System Safety (ISSC) Conference will bring practitioners and foremost thought-leaders of the system safety discipline together for an exchange of ideas, knowledge and experiences in Minneapolis, Minnesota. The conference will be held in the beautiful Hyatt Regency Hotel in downtown Minneapolis. The conference theme, “**Building Bridges to a Safer Future,**” emphasizes that when system safety processes and procedures are implemented throughout the system life cycle; costs are minimized while risk of personnel injury or system loss/damage is reduced or eliminated.

**Training/Tutorials:** Hazard Classification AMCOM; Software Safety Process; WISE (WSESRB Interactive Safety Environment); FESWG Guidelines (PLDs and Fuze); SD Qualification); GEIA Standard 0010; MDA Materiel Release Process.

**Roundtables/Discussions:** Joint Software Safety Reviews; UMS Weapons Integration; Directed Energy.

**Sessions:** Hazard Classification; Explosive Safety; Lessons Learned; Joint Programs/Joint Review Process; Insensitive Munitions; Unmanned Systems; Software; MIL-STD-882D Rev 1/Risk Matrices.

<http://issc2010.com>

## Forum/Training Corner

### **NASA/Army Systems and Software**

**Engineering Forum** will be held May 11-12 2010 in Huntsville, AL. The sessions are free to all. Software Engineering, Engineering Management, Systems Modeling and Simulation, Systems Engineering Methods, Processes and Tools, Six Sigma and Complex Electronics are just some of the topics that will be briefed. Question and answer panels are also being scheduled. More info will be provided in the next Newsletter.

### **Fourth IAASS Conference 19-21 May 2010,**

Huntsville AL. The 4<sup>th</sup> IAASS Conference “Making Safety Matter” is sponsored by NASA, ESA and JAXA. Main topics of the conference include:

Designing safety into space vehicles

Safety on long duration manned missions

Safety of extravehicular activities

Launch range safety (current and future)

Spacecraft re-entry safety

Payload safety

Nuclear safety for space systems

Human factors and performance for Safety

Safety critical software design and IVV

Safety risk management

Probabilistic risk assessment

Organizational culture and safety

Regulations and standards for safety

Space-based safety critical systems

Space traffic management

Space materials safety

Safety & Rescue

Private spaceflight safety

Conference website <http://www.congrex.nl/10a06>