

INCOSE Huntsville Regional Chapter Outreach Plan

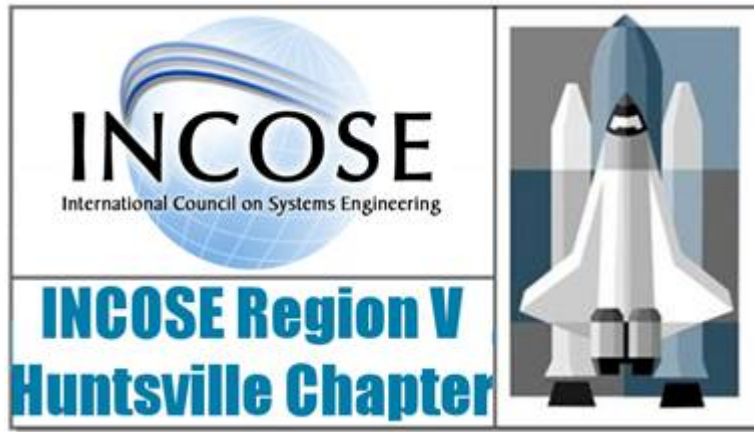
Because INCOSE HRC is active in the Huntsville Association of Technical Societies (HATS) overarching network of area technical societies for all individual engineering and management disciplines, many of our officers also serve as officers in technical societies other than INCOSE. As a result, HRC has established connections to distribute chapter sponsored event announcements to HATS, IEEE, PMI, and other professional organizations.

Specific INCOSE Ambassador Roles

The Communications Chair, Industry Representative, Government Representative, Academic Representative, Member Chair, President, and Vice President all serve as Chapter Ambassadors, with the nature of those roles tailored to the networked relationships to other technical organizations. INCOSE HRC maintains a dynamic list of officers/members with leadership roles in professional technical/management organizations in the region.

Execution Example

These roles change over time, but the current INCOSE Communications Chair and webmaster serves those roles for the IEEE Huntsville Section, and similar roles with AUVSI Huntsville Pathfinder Chapter. To encourage "cross-pollination" and stress the value of systems engineering principles to all engineering disciplines and management, he forwards all INCOSE announcements to the IEEE Section members (~2000), many to AUVSI, and to the HATS Communications Chair when beneficial. Similarly, our Industry, Government, and Academic Representatives hold leadership roles within their respective organizations and enhance participation by relating INCOSE systems engineering discipline benefits within those organizations. The Chapter President and Vice-President coordinate INCOSE events with civic leaders, HATS, and broadcast/print media for major events.



INCOSE has long maintained a close working relationship with the local Project Management Institute (PMI) chapter, and several of our chapter leaders serve as PMI officers, including PMI chapter president, an INCOSE past-president. Because of strong robotics community presence in the Huntsville Army and NASA technology efforts, many INCOSE officers and members also share leadership roles in Association for Unmanned Vehicles International (AUVSI), and INCOSE members support the AUVSI Pathfinder Symposium every spring in Huntsville, serving on the planning committee and publicizing the AUVSI Symposium to INCOSE members.

Ambassador Networks

INCOSE is a longtime member of **HATS** (Huntsville Association of Technical Societies), an umbrella organization representing area professional organizations. HATS also directly funds classroom teacher activities through **STEDTRAIN** (Science and Technology Education and TRAINing). Besides HATS technology networking, INCOSE members collaborate directly with IEEE, PMI, AUVSI, and other HATS member organizations to bidirectionally share announcements with those organizations. Some sharing occurs through member-to-member contacts, usually the communications chairs, but INCOSE and other member societies also share announcements by coordinating with the HATS communications chair and secretary, Woody Williams, who maintains a list of member society communications chairs.

INCOSE chapter officers and members also participate in hands-on activities with pre-college students, including the annual Alabama Council on Technology in Education (**ACTE**) Technology competitions and Team Programming Challenge (TPC), the North Alabama Regional Science and Engineering Fair (**NARSEF**, regional S&E fair), the Alabama Science and Engineering Fair (**ASEF**, state S&E fair), and the **Tennessee Valley BEST** Robotics Competition (Boosting Engineering, Science and Technology). These competitions occur each year in the Huntsville area and provide an excellent medium to introduce engineering to impressionable students as a challenging and exciting career path.