

ANS Aerospace Nuclear Science & Technology Technical Group
2006-2010 Strategic Plan
(Rev., June 2008)

Tactical Plan for 2008/2009

Top Priorities for 2006

1. Establish a technical meeting to replace the STAIF conference (non-ANS meeting) with an ANST/ANS stand-alone meeting that provides linkages to the previous two Space Nuclear Conference embedded ANS national meeting topicals.
2. Establish ANST as a full ANS Division, ANST has operated under the model bylaws and rules for technical groups and divisions (ANS Goal E).
3. Update the ANST website to provide improved internal communications to our members and external communications to the general public (ANS Goals B & C).
4. Continue to provide technical program excellence by supporting annual and winter meetings of the ANS and by organizing a bi-annual embedded topical meeting (ANS Goals A, B & C).

2008 Operational Plans and Activities

1. Prepare report to the ANS Board of Directors requesting Professional Division Status. (Chair) (none)
2. Establish succession planning for committee chairs. (Chair) (ANS Goal E)
3. Improve ANST Communications, both internal and external. (Communications Committee Chair) (ANS Goals B & C)
 - a. Website
 - i. Update website design
 - ii. Provide updated governance information (e.g. executive committee, bylaws, meeting minutes, etc.)
 - b. Newsletter
 - i. Generate and distribute a regular newsletter (electronic only)
 - ii. Establish a general newsletter format that will include:
 1. Meeting announcements
 2. Updates on NASA and DOE activities
 3. Summary of student opportunities
 4. Updates on ANST committee activities
4. Develop succession plan for the Space Nuclear Conference to transition to stand-alone topical format meeting. (Shannon Bragg-Sitton)
5. Engage ANST membership in TG activities, including technical program development and communications, via established TG subcommittees. (Vice Chair) (none)
6. Establish liaisons to other professional societies and formal collaborations with non-ANS technical meetings. (Vice Chair) (ANS Goal A)

Succession Plan (for non-officer positions)

Committee Chair appointments are made by the TG Chair and are approved by majority vote of the Executive Committee. Committee Chairs are appointed for up to a **two (2) year term, or in accordance with the term of the officer responsible for the operations of that committee;** committee members will have a term of up to four (4) years.

Position	Incumbent	Term End	Successor	Successor Term End
Program Chair	Boise Pearson	2009	Identified from current committee members	2008
Communications	Dion Sunderland	2008	Identified from current committee members	
Webmaster	Glen ?	2006	Tentatively identified by Communications Chair	
Finance Chair	Current Treasurer	2007	Next Treasurer	2008
Membership, Honors & Awards	Current Vice Chair	2007	Next Vice Chair	2008
Nominating Committee	Immediate Past Chair	2007	Chair	2008
Student Liaison	Eric Alderson	2008		

ANST Five-Year Plan (2006-2010)

Mission

The Aerospace Nuclear Science and Technology Technical Group promotes the advancement of knowledge in the use of nuclear science and technologies in aerospace applications. Specialized nuclear-based technologies and applications are needed to advance the state-of-the-art in aerospace design, engineering and operations to explore planetary bodies in our solar system and beyond, as well as to enhance the safety of air travel (especially high speed air travel). Areas of interest include, but are not limited to, the development of nuclear-based power and propulsion systems; research and development of multifunctional materials to protect humans and electronic components from atmospheric, space, and nuclear power system radiation; and development of human factor strategies for the safe and reliable operation of nuclear power and propulsion plants by non-specialized personnel and more.

Long-Term Goals

- Technical
 - Organize a bi-annual embedded topical meeting, the "Space Nuclear Congress", in each ANS Annual Meeting in odd-numbered years. (Program Chair) (ANS Goals A & B)
 - Support the organization of the Space Nuclear Power and Propulsion Track within the embedded International Congress on Advanced Power Plants (ICAPP), which is held in conjunction with the ANS Annual Meeting in even-numbered years and is sponsored by the Operations and Power Division; ANST will seek formal co-sponsorship of this technical track with OPD. (Program Chair) (ANS Goals A & B)
 - Organize technical sessions in each ANS Winter Meeting. (Program Chair) (ANS Goals A & B)

- Establish formal liaisons to complementary groups in other professional societies (e.g. American Institute of Aeronautics and Astronautics). (Vice Chair) (ANS Goal A)
- Communications
 - Maintain updated records of all ANST meetings, both electronic and physical. (Secretary) (none)
 - Establish a standard method for website updates and communications to ANST membership (e.g. regular broadcast messages). (Communications Chair) (ANS Goals B & C)
 - Establish a regular newsletter. (Communications Chair) (ANS Goals B & C)
 - Foster improved communications among ANST members by establishing a moderated discussion forum on the ANST website. (Communications Chair) (ANS Goals B & C)
- Establish a plan for managing ANST finances, to include a long term plan of scholarship endowment. (Treasurer) (none)
- Establish a formal method for documenting division operations to assist in transitioning of officer positions. (Chair) (ANS Goal E)
- Engage ANST membership by soliciting new members to ANST sub-committees. (Vice Chair) (none)
- Establish peer recognition awards. (Membership, Honors & Awards) (none)
- Foster student development in ANS by encouraging student involvement in ANST sub-committees and by continuing to support student conference activities. (Membership, Honors & Awards) (none)
- Provide regular updates to ANS position statements, or to provide new position statements as needed, on space nuclear power and propulsion related topics. (Chair) (ANS Goal D)
- Improve ANST governance by establishing fixed (and renewable) committee chair term lengths and by identifying appropriate successors for all committee chair positions that may serve as assistant chairs. (Chair) (ANS Goal E)

Recommended Changes to ANS Strategic Plan (if any)

None

Additional Guidance for Professional Division 1- and 5- Year Plans

Relationship to ANS Strategic Plan

In general, the goals of the Professional Division should be aligned with the Society's goals. Each goal in the Division's 1- and 5- year plan (here after referred to as Division's Plan) should include an indicator of which of the 5 Society's goals it supports. If one or more of a Division's goals is not aligned with one of the 5 ANS goals, that may be an indication that we need to revise the Society's goals. Please write a short paragraph in this section describing any modifications or additions to the Society's goals that the Division believes to be useful.

As appropriate, ANS Professional Divisions are encouraged to be aware of and support the ANS Strategic Goals that are noted below. Division long term goals and tactical plan activities that support ANS Strategic Goals are requested to be identified by placing the letter associated with the ANS Strategic Goal behind the item(s) in the Division's Plan.

It is not expected that all of the items identified in the Division's Plan would be related to the ANS Strategic Goals. Only those that are related to an ANS Strategic Goal should be identified. Also note that several strategies are associated with each ANS Strategic Goal. Division Plan items that are "aligned" to at least one of the strategies for an ANS Strategic Goal should identify (by placing the letter) that ANS Strategic Goal in their Division Plan.

Recommendations/Clarifications:

The division vice chair should prepare an annual update of the Division Plan with input from the division chair. Updates by the vice chair should ensure an efficient transition to the division chair position at the Annual Meeting. A calendar year is chosen to align with ANS finances and allow for "ownership overlap" of the plan with the chair and vice chair. Note that the Division Chair is responsible for defining the priorities for the division in the one year tactical plan.

The updated strategic plan should be provided to the PDC Chair and Planning Committee Chair no later than one month after the Winter meeting.

ANS Strategic Goals:

Goal A: ANS will be the recognized leader for the advancement of nuclear science and Technology

Goal B: ANS will be the members' primary resource for professional development and knowledge exchange

Goal C: ANS will be publicly recognized as a credible source of nuclear science and technology information

Goal D: ANS will be an active contributor to and participate in nuclear science and technical policy issues

Goal E: ANS will be an organization that is flexible, responsive to members and capable of dealing with change