



2009 Election Results

Open Positions Remain

King Molder
Section Secretary

At the Spring Social this June, the election results were announced. The members elected included both new and familiar faces to help lead the Section over the next two years. Gregg Abate, Larry Ukeiley, Gerry Harbaugh, and Mark Hunter will continue to fill their respective positions and we look forward to their continued contributions to the Section. We welcome John Bailey to the position of Membership Chair.

John is a graduate from the University of Florida with a master's degree in Engineering Mechanics. He has worked for 20 years in the Munitions Directorate of the Air Force Research Laboratory. John's currently holds a senior mechanical engineering / program management position in the Ordnance Integration branch where he manages the technical, systems engineering, cost, security, and schedule aspects of various contracted programs.

continued on page 3

Plans Underway for Eglin AFB Historic Aviation Site Dedication

Gerry Harbaugh
Treasurer

As mentioned in the April newsletter, the Section received official notification in February that local efforts to have Eglin Air Force Base recognized as an AIAA Historic Aviation Site were successful. Preparations for an invitation-only, evening dedication ceremony are well underway thanks to the local section committee and the Armament Museum, the Museum Foundation, the Air Armament Center command section, protocol, and history office. The ceremony will be held on September 10th at the Armament Museum.

A bronze plaque commemorating this recognition has been received from AIAA national and is now being mounted to a granite pedestal to be placed in front of the museum. This site assures the public's access to the plaque in a very fitting venue.

INSIDE THIS ISSUE

- 1 2009 Election Results
- 1 Historic Aviation Site – Plans Underway
- 2 Message from Chair
- 2 TC Membership
- 3 Farewells
- 4 Spring Social / Educational Outreach
- 5 Recognitions / Upcoming Events
- 6 Announcements / Council Meeting Schedule



Official plaque by AIAA commemorating Eglin AFB as a Historic Aviation Site. (Image by K. Molder)

continued on page 3

AIAA Technical Committee Membership

Get Connected on a Larger Scale

Kelly Stewart
Webmaster / Newsletter Editor

Last fall, our section secretary (King Molder), put a great pitch in the newsletter about joining a Technical Committee (TC). We would like to reiterate this point as the TCs are constantly on the lookout for new members.

Being on a TC is a great way to enhance your membership experience in AIAA. Through the TC, you become directly involved in the organization of technical conferences by reviewing paper submissions, chairing conference sessions, and planning the technical programs of future conferences. There is also the ability to organize special workshops dedicated to research areas of keen interest to the aerospace community. As a member of a TC, you have the opportunity to meet other AIAA members in industry, government, and academia that hold similar research interests as yourself.

AIAA Technical Committees (TCs) bring together experts in their fields and give them the opportunity to exchange knowledge and get to know their colleagues from around the globe.

These committees participate in numerous activities: they develop and administer over 20 technical conferences each year; conduct professional development courses, produce books, and work with K-12 students to promote an interest in engineering education. The TCs also honor technical leadership through Technical and Best Paper awards; serve as journal and book reviewers; formulate technology assessment packages for the non-technical public, and even develop and judge college student design contests.

(www.aiaa.org/content.cfm?pageid=192, Aug 6, 2009)

AIAA has 74 technical committees to choose from, covering a large range of subject areas. Visit www.aiaa.org/content.cfm?pageid=192 to read descriptions of the TCs you think may be of interest. If you would like to know more about a particular technical committee, send the TC chair an e-mail.

continued in next column

Nominations for TC membership open up August 1 and close November 1 of each year, however, a person is welcome to apply anytime they wish. Visit www.aiaa.org/content.cfm?pageid=233 for instructions on submitting a nomination form. →



Message from Chair

Gregg Abate
Section Chair

To the members of the Northwest Florida Section of AIAA, I want to say thanks for having me serve as your Chairperson for a second term. The past two years have been exciting and I am looking forward to serving another two years where hopefully we can do bigger and better things. I do need one thing from each of you, however, and that is more involvement in the Section. Remember, this is “our” Section, so I need to know how I can help you achieve the most from your membership.

As a reminder, please visit www.aiaa-nwfl.org as often as you can to keep up-to-date with the happenings of our Section. Our web administrator does a fantastic job of keeping the site up-to-date. There you will find information on recent and upcoming events as well as contact information for me and the other members of the Section’s council.



A few months ago, I offered to do a NWFL Section Roadshow where I would visit your professional organization and extol the benefits of the local Section and solicit feedback on how to make the Section better. I even will bring lunch! I have not had any takers as yet and the offer still stands.

Also, there are a number of council member vacancies that I need filled, specifically: Honors & Awards, Career Enhancement, Technical, and Young Professionals. If you have a desire to become more active in the Section, I implore you to contact me. Together we can find a way to make the Section better.

Please contact me, chairman@nwfl-aiaa.org, if you have any ideas or thoughts on the local section. →

A Farewell to Past Section Officers

Gregg Abate
Section Chair

It is the nature of our organization that section officers and council members come and go. As I can attest, the additional duties of being an officer or council member can become overwhelming at times. It is for that reason that I want to give a special thanks and farewell to three of the Section's active members who helped shape the Northwest Florida Section of AIAA for the past few years.

Mr. Richard Mook served as the Section's Membership Committee Chair for quite a number of years (in fact, for as long as I can remember). During that time, Rich has received awards for his membership activities from AIAA on numerous occasions. Rich has always been a positive influence on the local section and has gone above and beyond when trying to promote membership in AIAA. Rich will be missed and I want to wish him the best of luck and say "Thanks!" for all of his efforts in making the Section better.

Mr. Fred Davis served as the Section's Honors and Awards Committee Chair, also for quite a number of years. In the last few years, Fred has done all the planning and legwork to make sure the Section's members received the honors they deserved. During this time, Fred has served the Section tremendously by also taking on the task of planning the Spring Golf Tournaments as well. Fred will be missed and I want to say "Thanks!" for making the Section better and providing recognition to its members.

Maj. David Ferris served not only as the Section's Young Professional and Career Enhancement Committee Chair, but served the AIAA Region II as Director for Career Enhancement these past three years. David burst on the scene three years ago and almost single-handedly planned the Afterburner Night, which was one of the best attended events this Section has sponsored. David gave tremendously to the Section and tried on numerous occasions to get the young folks involved in AIAA. David will leave the Eglin AFB area for bigger and better things and will surely make another AIAA section better. "Thanks Dave!" →

Historic Aviation Site, cont'd from page 1

An interior display is being prepared for the museum's main display area that will feature aspects of Eglin AFB qualifying it as a Historic Aviation Site.

Dr. Richard Hallion, former Air Force Historian and author of numerous books on aviation history, will be the guest speaker for the ceremony. General Davis, Commander of the Air Armament Center, will provide opening remarks with members from AIAA National in attendance. Local and state leaders are also expected to attend. Invitations for the event will be extended to section members and their families. →

Officer Elections, cont'd from page 1

Please congratulate our new and returning officers for 2009:

<i>Chairman</i>	Gregg Abate
<i>Vice Chairman</i>	Larry Ukeiley
<i>Treasurer</i>	Gerry Harbaugh
<i>Membership Officer</i>	John Bailey
<i>Public Policy</i>	Mark Hunter

We are looking for members willing to take a more active role in the local Section to fill positions that remain open after the election process. Dave Ferris is moving on to his next assignment, which will take him out of the Section area. We would like to fill Dave's position soon to continue the upward momentum of the great Career Enhancement / Young Professional work that Dave started.

Open Positions:

- Career Enhancement
- Honors & Awards
- Programs
- RAC Representative
- Technical
- Young Professional
- At-Large Technical Area Advisor(s)

If you have a desire to make an impact in the local aerospace community, please contact me at secretary@nwfl-aiaa.org or the Section Chairman, Gregg Abate, at chairman@nwfl-aiaa.org. →

Spring Dinner Meeting

An evening of history, awards, and conversation

Gregg Abate
Section Chair

The annual Spring Social and Awards Program took place this June 6th, at the Bluewater Bay Country Club in Niceville, FL. While not as many section members were able to make it to this year's event, the evening was still quite enjoyable with attendees chatting over hors d'oeuvres and drinks. As is customary, the dinner was accompanied by a guest speaker, however, the Section chose to take a break from the usual aerospace-related topics and pursue topics of local interest.

Mr. Scott Sorset, a UWF Maritime Archaeology graduate student, gave an interesting and informative presentation titled, "Excavations of the Tristan de Luna's 16th Century Shipwreck in Pensacola Bay". This Spanish shipwreck is the 2nd oldest in the United States and was discovered by two University of West Florida students. Mr. Sorset spoke on the process of excavating the shipwreck and items of historical interest that had been recovered.



Artifacts gathered from the Tristan de Luna shipwreck off the coast of Pensacola, FL. (Image by K. Stewart)

At the start of the dinner, our section chairman, Gregg Abate, took a moment to review happenings within the Section and to announce new and returning officers based on this year's elections. Also presented were the annual awards for technical and scientific efforts performed by active section members. The following members were recognized by AIAA and the local section for their contributions to their profession:

- ◆ *Educator Associate Award*
Ms. Jeri Martin, of Thomas L. Sims Middle School (Pace, FL), for being an active section member dedicated to promoting math and science in students.
- ◆ *Student Technical Achievement*
Dr. Crystal Pasilliao, for her research in "Transonic Flow Field Characteristics Associated with Limit Cycle Oscillations".
- ◆ *Chairperson's Special Recognition (1)*
Maj. David Ferris, for his outstanding contributions to the NWFL AIAA Section and to the Region II Young Professional and Career Enhancement Programs.
- ◆ *Chairperson's Special Recognition (2)*
Ms. Kathy Aldrich & Mr. Gerry Harbaugh, for their tremendous work in having Eglin AFB selected as an AIAA Historic Aerospace Site.

Congratulations to all for a job well done! Photographs from this event are available for viewing on the section website at www.aiaa-nwfl.org/gallery.aspx. ➔

Education Outreach

John Fay
Education / Pre-college Outreach Officer

The Section's active involvement with the students of the local area is continued through its on-going support to the "Engineers for America" program and other activities. One section member, Mr. Ken Blackburn, has been particularly active in this regard. A summary of recent activities is provided below.

✚ **Engineers for America (EFA) Program at the Air Armament Museum** (March 5-6, April 15, April 22-23). Ken Blackburn gave an "Engineer's Tour" to groups of students from various schools in the local area.

✚ **Okaloosa County Science, Technology, Engineering, and Mathematics (STEM) Workshop** (June 6). Ken Blackburn presented AIAA educational outreach resources to teachers at a STEM workshop held at the Northwest Florida State College.

✚ **EFA "Teach the Teachers" Workshop** (June 23). Held at the Air Armament Museum, an "Engineer's Tour" accompanied by a talk on paper airplanes was given to local K-12 teachers as part of the Engineers for America Program. ➔

continued in next column



RECOGNITIONS

SECTION MEMBER RECEIVES 2009 ALAN SHEPARD TECHNOLOGY IN EDUCATION AWARD

Mr. Ricardo "Rich" Soria, the assistant principle of Choctawhatchee High School (Ft Walton Beach, FL), was bestowed a great honor this March. He was selected as the 2009 recipient of the Alan Shepard Technology in Education Award - a prestigious award granted to K-12 educators nationwide for their contributions to technology education. The award is given by the Astronauts Memorial Foundation (AMF), the National Aeronautics and Space Administration (NASA), and the Space Foundation.



Ricardo Soria speaking during his receipt of the Alan Shephard Award at the 25th National Space Symposium. (Image courtesy of R. Soria)

"The award is named after Alan Shepard, one of the nation's original seven Mercury astronauts, the first American to fly in space, one of only 12 humans who have walked on the moon, and a former AMF board member. It recognizes excellence, quality, and innovation in the development and application of technology in the classroom or to the professional development of teachers." – Excerpt from Space Foundation Press Release, March 6, 2009, <http://amfcse.org/Alan%20Shepard%20Award/2009%20Alan%20Shepard%20Award%20Winner.pdf>.

Mr. Soria was presented this award at the 25th National Space Symposium held in Colorado Springs, CO. Information on the award and the Astronaut Memorial Foundation can be found at the following website, <http://amfcse.org>. Congratulations to Mr. Soria for this distinction! ➔



UPCOMING EVENTS

HISTORIC AVIATION SITE (HAS) DEDICATION CEREMONY FOR EGLIN AFB

AIR ARMAMENT MUSEUM, SHALIMAR
SEPTEMBER 10, 6:00 – 8:00 P.M.

ION / AIAA WORKSHOP – "GNC CHALLENGES FOR MINIATURE AUTONOMOUS SYSTEMS"

EMERALD COAST CONFERENCE CENTER, FT WALTON BEACH
OCTOBER 26-28, 2009

The Northwest Florida Section will co-host the "GNC Challenges for Miniature Autonomous Systems Workshop" to be held this October at the Emerald Coast Conference Center, Fort Walton Beach, FL. This workshop is intended to bring the DoD technical and user community, academia, and industry together to review and discuss advances in guidance, navigation, and control (GNC) for Miniature Autonomous Systems.

Miniature autonomous systems capable of agile locomotion or flight in urban, forested, and indoor (including transitions from outdoor to indoor) environments present many unique technical challenges to the controls and systems engineer. It is envisioned that the military use of miniature systems will include acquiring, tracking, and engaging non-traditional targets.

The workshop will feature presentations from leaders in the DoD technical and user communities, academia, and industry. The first day of the workshop will feature perspectives from the operations community and GNC research challenge talks from senior research representatives of the Air Force, Navy, Army, and DARPA. Presentations given on the afternoon of the first day will be For Official Use Only. The second and third days of the workshop will feature public forum presentations and discussions on a variety of topics including Multi-use Miniature Seekers/Sensors, Advanced Navigation Sensors and Techniques, System Integration Challenges, and Multi-vehicle Cooperative Operations. Visit www.ion.org/mas for more information.





SECTION AWARENESS LUNCHEONS

In an effort to increase awareness of AIAA within the local area, the section chair is offering to fund a lunch at company organizations where members and prospective members can interact with section officers.

The section officers will answer questions about AIAA, talk about the benefits of joining, and essentially spread the word about "What AIAA Can Do for You."

Lunch (either pizza or sandwiches) and a short presentation will be provided. The cost for the lunch is simply one's attention and interest in AIAA. Please contact Gregg Abate at chair@aiaa-nwfl.org.



COUNCIL MEETINGS

SEPTEMBER 1, 2009

SEPTEMBER 29, 2009

OCTOBER 20, 2009

UNIVERSITY OF FLORIDA REEF, SHALIMAR

11:30 A.M.

ALL MEETINGS WILL TAKE PLACE AT THE SAME TIME AND LOCATION UNLESS OTHERWISE ANNOUNCED.



COMMENTS? SUGGESTIONS?

We encourage feedback from our section members! If you have any comments or suggestions, please let us know. You can e-mail us at info@aiaa-nwfl.org or you can contact one of the committee chairs. The more we hear from our members, the better we can serve our local section.

Also, if you know of any happenings in the local area that members of our section may be interested in, feel free to let us know. If appropriate, we will put out an announcement to the section and post the event on our web page.

Section Mailing Address:
Northwest Florida AIAA
c/o Dr. Larry Ukeiley
Research and Engineering Education Facility
1350 N. Poquito Road
Shalimar, FL 32579

EXECUTIVE STAFF

CHAIRMAN

DR. GREGG ABATE, CHAIRMAN@AIAA-NWFL.ORG

VICE CHAIRMAN

DR. LARRY UKEILEY, VICECHAIR@AIAA-NWFL.ORG

SECRETARY

MR. KING MOLDER, SECRETARY@AIAA-NWFL.ORG

TREASURER

MR. GERRY HARBAUGH, TREASURER@AIAA-NWFL.ORG

COMMITTEE CHAIRS

CAREER ENHANCEMENT

OPEN FOR VOLUNTEERS!

EDUCATION / PRE-COLLEGE OUTREACH

MR. JOHN FAY, EDUCATION@AIAA-NWFL.ORG

HONORS AND AWARDS

OPEN FOR VOLUNTEERS!

MEMBERSHIP

MR. JOHN BAILEY, MEMBERSHIP@AIAA-NWFL.ORG

NEWSLETTER / WEBMASTER

MS. KELLY STEWART, WEBMASTER@AIAA-NWFL.ORG

PROGRAMS

DR. GREGG ABATE, PROGRAMS@AIAA-NWFL.ORG

PUBLIC POLICY

MR. MARK HUNTER, PUBPOLICY@AIAA-NWFL.ORG

RAC REPRESENTATIVE

OPEN FOR VOLUNTEERS!

TECHNICAL

OPEN FOR VOLUNTEERS!

YOUNG PROFESSIONAL

OPEN FOR VOLUNTEERS!

AT-LARGE TECHNICAL AREA ADVISORS

OPEN FOR VOLUNTEERS!

