



AIAA San Diego Section Council Meeting Minutes – October 11th 2006

The meeting called to order at 5:50 P.M. and adjourned at 7:12 P.M. **TOTAL COUNCIL ATTENDEES: 19**

ATTENDANCE: See Attached Roster

ADMINISTRATIVE

Secretary's Report – Kevin Scanlon – Nothing to Report.

Treasurer's Report – Bob Matson – Can not get a debit card with current Washington Mutual Account. No motion to change.
- Spreadsheets from quick books not compatible to Mac computer version for treasury. Motion passed to get new quickbooks version.

Chairman's Report – Greg Marien – (Proposal) Communications officer of positions: webmaster, flyers, and newsletter. This may be too much work for one position and may need communications coordinator position. By laws to be determined for new spot in review.
- Looking into dissolving the program arrangements position. Bylaws to be checked and discussion to proceed in November.

PROGRAMS

V/C Long Range Planning – Penny Ulander – Not Present

V/C Technical – Kevin Burns – See Report.

Program Arrangements – Jake Yu – Not Present.

Field Trips – Doug Armstrong – See report. Check was written to cover the bus.

Flyers – Zaid Karim – Not present.

COMMUNICATIONS

Greg Marien
Acting Section Chair

Doug Armstrong
Field Trips

Jim Peterson
Membership Development

Warren Johnson
Professional Society Liaison

George Faulkner
SDSU Faculty Advisor

Kevin Scanlon
Secretary

Kevin Burns
Region VI Delegate

Bill Chana
History & Bylaws

Sofia Calica
Internet Webmaster

TBD
UCSD Faculty Advisor

Bob Matson
Treasurer

Ziad Karim
Flyers

Keith Glassman
Honors & Awards &
Career Enhancement

Maziar Sefidan
Young Professionals

Sofia Calica
SDSU Student Chair

Penny Ulander
Vice Chair
Long Range Planning

Quentin Goss
Pre-College Outreach

Jake Yu
Program Arrangements

Nick Grela
Newsletters & Electronic
Bulletin

Jenny Rhymer
UCSD Student Chair

Kevin Burns
Vice Chair - Technical

Phil Smith
Public Policy

Eric Vigilia
Student Activities

Steve Harrington
Rocket Project

Sharon Freeburn
Educator Associates



Newsletter & E-Bulletins – Nick Grela – Nothing to report.

Webmaster – Sofia Calica – Not Present

History & Bylaws – Bill Chana – Not Present

Region VI Delegate – Kevin Burns – Nothing to report

Public Policy -- Phil Smith – Absent but submitted attached report.

MEMBER SERVICES

Membership – Jim Peterson – See Report

Honors and Awards – Keith Glassman – Not Present.

Professional Society Liaison – Warren Johnson – See Report - National Engineers Week planning, trying to get a speaker and one is almost confirmed (Capt. Bert Marsh). Will be finalized October 16th.

Young Professionals – Maziar Sefidan – Planning Dave and Busters F-18 simulator and social event. Game contest for a prize, open to all who wish to attend.

Pre-College Outreach – Quentin Goss – Not Present

Educator Associate – Sharon Freeburn – See Report

Student Activities – Eric Vigilia – Nothing to report

Member-at-Large – Not Present

Rocket Project – Steve Harrington – Not Present

AIAA STUDENT CHAPTERS

UCSD Student Branch Chair – Jenny Ryhmer – 100 students in first meeting, possibly more student members to come.

UCSD Faculty Advisor – Keiko Nomura – Not Present

SDSU Student Branch Chair – Sofia Calica – Not present

SDSU Faculty Advisor – George Faulkner – Nothing to report



American Institute of Aeronautics and Astronautics - San Diego Section
P. O. Box 881464, San Diego, California 92168

ACTION ITEMS

- None

NEW BUSINESS

- Try to get on with nominating new fellows and associate fellows to keep section in good standing.

Note: We must have a quorum to do Council business. A Council quorum (per the bylaws) requires a majority of the elected officers (3 of 4), and a majority of the entire Council. Please notify the Secretary and Chair if you must miss a meeting.

**American Institute of Aeronautics & Astronautics
San Diego Section**

October 11, 2006 Council Meeting Agenda

Meeting location/time: Venice Pizza, 3333 El Cajon Blvd., San Diego, CA at 5:30 PM.

The focus of this meeting will be to:

- Communications Officer Position Discussion
- Website/Email Update
- Technical Committee Nominations (Nov 1)
- Airport Location Technical Conference
- Dinner Meeting, Flyer (Oct 12)
- JPL Tour Update/Reminder - Oct 27
- Miramar Air Show (Oct 13-15)
- Program Arrangements
- Second Award Results

ADMINISTRATIVE

- Secretary Report – Kevin Scanlon
- Treasurer Report – Bob Matson
- Chairman's Report – Greg Marien

MEMBER SERVICES

- Membership – Jim Peterson
- Honors and Awards – Keith Glassman
- Professional Society Liaison – Warren Johnson
- Young Professionals – Maziar Sefidan

PROFESSIONAL PROGRAMS

- VC Long Range Planning – Penny Ulander
- VC Technical – Kevin Burns ✓
- Program Arrangements – Jake Yu
- Field Trips – Doug Armstrong

COMMUNICATIONS

- Newsletter & E-Bulletins – Nick Grela
- Webmaster – Sofia Calica
- History & Bylaws – Bill Chana (Chris Root)
- Region VI Delegate – Kevin Burns
- Public Policy – Phil Smith

EDUCATION PROGRAMS

- Pre-College Outreach – Quentin Goss
- Educator Associate – Sharon Freeburn
- Student Activities – Eric Vigilia
- Rocket Committee – Steve Harrington

AIAA STUDENT CHAPTERS

- UCSD Student Chapter Chair – Jenny Rhymer
- UCSD Faculty Advisor – Keiko Nomura
- SDSU Student Chapter Chair – Sofia Calica
- SDSU Faculty Advisor – George Faulkner

Note: We must have a quorum to do Council business. A Council quorum (per the bylaws) requires a majority of the elected officers (3 of 5), and a majority of the entire Council. Please notify the Secretary and Chair two days in advance if you must miss this meeting.

Greg Marien
Chairman
AIAA San Diego Section

**American Institute of Aeronautics & Astronautics
San Diego Section**

October 11, 2006 Council Meeting

Report of: Kevin Burns, Vice-chairman Technical and RAC Representative.

Technical Committee Report

San Diego Congressional Delegation Technical Workshop

As stated last month, the first step of putting together a real plan is to understand the issues and where we want to take them. I was unable get the required information; although it was promised by various sources, it just was never forthcoming. After contacting a number of sources and working this issue diligently it was agreed upon by both the technical and public policy chairs, the it had gotten too late to successfully move on this goal.

AIAA Homeland Security Program Committee

This the AIAA Technical Activities Committee has approved on forming a new program committee concerning Homeland Security issues. The Purpose of the Homeland Security Program Committee (HSPC) is to serve as an interface between AIAA's membership/technical disciplines and the Homeland Security community. The Chairman, Dr. Kevin Kremeyer, will be visiting from Tucson to attend the Border Management conference being held at the San Diego Convention Center (30-31 October 2006). He is a speaker at that conference and we will be having a number of planning meetings while he is in town. At the RAC VI meeting last month, he confirmed that the committee will be sponsoring a classified conference at Fort Huachuca sometime in January or February.

Technical Committee Nominations

Nominations for AIAA Technical Committees (TCs) close November 1 and new members take office in May. Young Professionals (members under age 35) are especially encouraged to apply for Technical Committee membership. Self-nominations are accepted.

Find the nomination forms or nominate online at <http://www.aiaa.org/content.cfm?pageid=192>. You can find a list of active Technical Committees and links to their websites there.

Space 2006 Conference

The Space Conference was held last month in San Jose and the San Diego Section was very well represented. We had members in attendance at all levels from students to educator associates. I wanted to get a picture of all the San Diego members together for a picture, but everyone was too busy with their activities and there were too many to try and get them all in one place at one time. The San Diego members were very visible in their support of the conference; Session Chair, Education Alley Coordinator, Keynote Speaker, and Paper Presenters. The Education Alley was a big draw again this year with the San Diego section working as volunteers. There were over 4,000 students and chaperones that went through the Education Alley. The Space Conference will be in Long Beach in 2007, and then it will return to San Diego in 2008. This year's attendance was around 850, which leaves the San Diego conference two years ago at the all-time high of 1,200. Some of those I ran into from the San Diego Section were Jim Benson, Phil Smith, Sharon Freeborn, Steve Harrington, Jenny Rhymer and two other students from UCSD, and

American Institute of Aeronautics & Astronautics San Diego Section

Devin Norrell and Christen Browning. I am confident that there were probably others from San Diego that I was unaware of.

Technical Conferences for San Diego

To try and persuade more of the National and International Technical Conferences of the AIAA and sister organizations to hold their conferences in San Diego, I met with the San Diego Convention & Visitors Bureau and spoke with Cristina Palmieri, a Certified Meeting Professional who is the National Sales Manager. After that meeting we met with the Vice President of Sales & Services, Kevin Kamenzind. Cristina Palmieri seemed to be highly in favor of the proposal, but she could not proceed without the approval of Kevin Kamenzind. He had a number of concerns; they had an office in Washington, D.C. and he did not want to displace the work they were supposed to do; he did not want to set a precedence of joining an organization to manage their meetings for them; and he did not want to be expanding their role beyond what it currently is. However he agreed that the proposal and opportunity intrigued him. I gave him lots of background on the AIAA and explained that the reason I wanted the representative to be local to San Diego, is so that they could work with and report back to the Section Council. He stated that the main thing that they do for organizations is find availability and facilitate the arrangements. I explained that it was exactly what we needed. My talks with the national office revealed that the biggest hinderence to having conferences in San Diego was finding the availability. They have a short list of places that they call and if the National Office cannot fit the requirements within the dates they have, they start looking elsewhere. We should hear back from the San Diego Convention & Visitors Bureau sometime over the next few weeks.

RAC Representative Report

September RAC Meeting

The Region VI Advisory Committee meeting was held the Saturday after the last Council Meeting at the new Western Headquarters of AIAA in El Segundo. The San Diego Section had three members attend. Attached is the section report we submitted.

At the RAC meeting, Robert C. Winn spoke on "Mistakes and Deceptions in Aircraft Accident Reconstructions" Dr. Winn is a Registered Professional Engineer and is Principal and Director of Colorado Operations of Engineering Systems Inc. in Colorado Springs, CO. He is also a past Vice President of Technical Activities for AIAA and currently Director at Large and candidate for President-Elect. Also attached are the minutes from that meeting.

National Website Issues and Mass E-mailings

At the last Council meeting, much discussion ensued about the website and how to handle the mass-email mailings. This topic was brought up at the September RAC meeting with no resolution; however, we did learn the naming conventions of the websites of the other large sections. California seems to be leading the revolution of the AIAA section websites, as would be expected.

Activities in Support of the AIAA

Other than what is already reported, it has been a relatively quiet month.

X-28A Osprey

**American Institute of Aeronautics & Astronautics
San Diego Section**

I have not gotten any further news or updates on this.

Kevin Burns
Vice-chairman, Technical
AIAA San Diego Section

FIELD TRIPS REPORT
October, 2006

The field trip to JPL on October 27 is fully booked with 43 people signed up. There are 22 members, one non-member and 20 students. One member is Bruce Wilson, a Region 6 director who will join us there. All the checks are not yet in so there may be some cancellations.

If everyone sends their checks, I will receive \$ 780. The cost of the bus is \$771.75 so there is no profit. I need a check today for \$771.75 made out to Contact Tours to pay them this week.

The next field trip is to the Convair wind tunnel on November 16th.

Doug Armstrong

Since my Last Report on September 13th:

- 1) SPACE 2006: Participated in the Public Policy Partnerships Track of Space 2006 professional conference.

The Conference Goal Statement:

The Co-Chair's goals for the AIAA Space 2006 conference and exhibition are to ensure a memorable Silicon Valley-based experience for the attendees, build a community of advocates of space exploration and space power, and communicate to them a diversity of Space Value Propositions.

Success Criteria Statement:

The Co-Chair's success criteria will be achieved by realizing a critical mass of space leaders from the government and industry combined with Silicon Valley high technologists who will have gained a unique perspective on the possibilities for security, discovery and prosperity through discussion of the value proposition for space.

A flyer showing the Partnerships track papers and panels is attached.

NOTE: Because Sharon will probably not say it I will. Sharon Freeburn received an AIAA National Citation for her participation in Education Alley. AIAA provided her a very nice wall plaque and had her certificate presented by an Astronaut at Education Alley.

FUTURE PLANNING

October and November – Joint Recruitment Drive for Educator Associates

Both Sharon and I are performing an outreach initiative to recruit more teachers. This began with USFIRST Principals Open house at the RH Fleet Center October 2nd, a Science Night presentation at Muirlands Middle School on October 3rd, working with Johnson Elementary a new NASA Explorer School sponsored by JPL and open house October 11th, and participation in an Scripps Lecture Series at La Jolla High School starting on November 1st.

Mar 22-24, 2007 – USFIRST San Diego Robotics Regional

I am now a member of the USFIRST Regional Contest Planning Committee.

Just a reminder that USFIRST announced that the San Diego Regional will be held on the dates shown at the IPAYONE Center. I am working with Rob Manieri, the San Diego Regional Team coordinator, to identify support opportunities. If you are interested in helping contact me by email or in person.

Respectfully submitted

Phil Smith – Public Policy



American Institute of Aeronautics and Astronautics - San Diego Section
 P. O. Box 881464, San Diego, California 92168

Date: October 11, 2006
 To: AIAA Council
 From: James D. Peterson
 Subject: Membership Committee Report for October 2006
 Enclosure: 2006 AIAA Membership Status – October

The attached Membership Status spreadsheet (Attachment A) prepared from the San Diego Professional Summary report shows current Professional Membership of 411, a decrease of 7 from last month. There were 3 New Members, 4 Transfers-In, 6 Transfers-Out and 9 Drops.

There were 3 in the "Two Months Past Due" category. These are the members whose dues expired on 31 July and have not yet renewed. They will be dropped next month if their dues are not received by the end of this month. I will send email reminders to the Past Dues and Drops, and welcoming emails to the New and Transferred-in members.

The total Student membership is 130, up 5 from last month. We have 26 Educator Associate Members in good standing, 11 more than last month

Congratulations to our two new Associate Fellows: Bob Ford and Steve Harrington.

Mailing List. The number of mailing labels on the Data Maker list is 582, 9 less than last month. (The number with email: 528; those without: 54.) This breaks down as follows:

- 1. Professional Members 411
- 2. Educator Associates 35
- 3. Student Members 105
- 4. AIAA Officers 31

Submitted by,

/s/ Jim Peterson

James D. Peterson
 Membership Chairman
 Phone: (858) 279-1940
 Email: jdpete@pacbell.net

Greg Marien Section Chair	Doug Armstrong Field Trips	Jim Peterson Membership Development	Warren Johnson Professional Society Liaison	George Faulkner SDSU Faculty Advisor
Kevin Scanlon Secretary	Kevin Burns Region VI Delegate	Bill Chana History & Bylaws	Sofia Calica Internet Webmaster	Dr. Keiko Nomura UCSD Faculty Advisor
Robert Matson Treasurer	Vacant Flyers	Keith Glassman Honors & Awards & Career Enhancement	Maziar Sefidan Young Professionals	Sofia Calica SDSU Student Chair
Penelope Ulander Vice Chair - Long Range Planning	Quentin Goss Pre-College Outreach	Jia (Jake) Yu Program Arrangements	Nick Grela Newsletters & Electronic Bulletins	Jenny Rhymer UCSD Student chair
Kevin Burns Vice Chair - Technical	Phil Smith Public Policy	Eric Vigilia Student Activities	Steve Harrington Rocket Project	Sharon Freeburn Educ. Assoc Coordinator

	Report Date:	Ref.	Jun-05	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jun 06 to Oct-06 Change
Membership by Grade																
MC	Associate Fellow		26	26	26	26	28									2
MC1	Associate Fellow (Retired)		36	34	34	35	34									-2
MA	Associate Member		2	2	2	3	4									2
MA1	Associate Member (Retired)		0	0	0	0	0									0
MD	Fellow		5	5	4	4	4									-1
MD1	Fellow (Retired)		16	16	15	16	15									-1
ME	Honorary Fellow		4	4	4	4	4									0
MB	Member		113	122	125	129	126									13
MB1	Member (Retired)		6	6	6	6	6									0
MB#	Lifetime Member		0	0	0	0	0									0
MS	Member (Student Upgrade)		12	17	19	19	17									5
MH	Senior Member		115	114	114	113	112									-3
MH1	Senior Member (Retired)		63	62	62	61	60									-3
MH#	Lifetime Senior Member		2	2	2	2	1									-1
	Total Number of Members:		400	410	413	418	411	0	0	0	0	0	0	0	0	11
	Monthly Change:	Ref	10	3	5	-7										
	Cumulative Change:	Ref	10	13	18	11										
Membership Changes																
	New Members		7	14	8	7	3									32
	Transfers-In		7	8	3	4	4									19
	Transfers-Out		1	6	3	3	6									18
	Dropped		6	7	3	4	9									23
	Monthly Change:		7	9	5	4	-8									10
Dues Past Due																
	Two months past due		7	4	8	11	3									26
Retired Members																
	Number		121	118	117	118	115	0	0	0	0	0	0	0	0	-6
	Percentage		30.3%	28.8%	28.3%	28.2%	28.0%									
Other Members																
SS	Student Members		138	131	124	125	130									-8
NEA	Education Associates		14	17	22	15	26									12

October 11, 2006

To: AIAA, San Diego Section

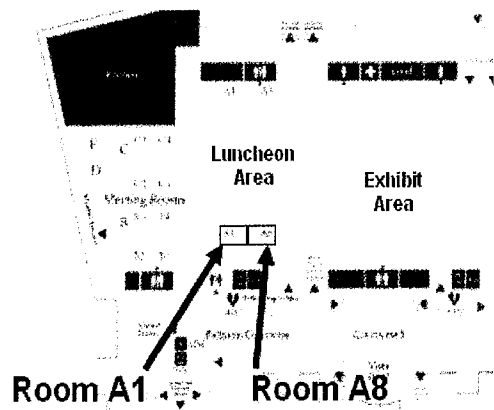
From: Warren Johnson

Subject: National Engineers Week 2007 Planning

We should have a keynote speaker for the Awards Banquet finalized by Monday, October 16th. The speaker will be Capt. Bert Marsh (Ret.), former Navy Director of Ocean Engineering and Supervisor of Salvage and Diving. Marsh's high profile salvage jobs have involved the bomb-damaged Navy destroyer Cole, John F. Kennedy Jr.'s Plane, the oil spilling Exxon Valdez, EgyptAir Flight 990's crash off Massachusetts and the Ehime Maru, a Japanese fisheries vessel that was rammed by a U. S. submarine near Hawaii. Capt. Marsh's presentation at the Banquet will cover the raising of the Ehime Maru.

SAMPE, who had volunteered to be the lead society for Engineering Week 2008 has since declined. AIAA Council had asked me to volunteer AIAA for this position earlier. The NEW planning Committee's latest position is to have AIAA and another society share the lead responsibilities for NEW2008. This would require AIAA to have a co-chairperson participate in NEW planning meetings this year to gain experience for next year. The chairperson is usually the Society's current or just-past chair.

The next meeting of the NEW planning committee is at 5:30, October 16th at URS in Mission Valley.



**San Jose Convention Center
Space 2006 map showing
Room A1 and Room A8**



RSVP to:

Kyle Stanhouse, Graduate Student Intern,
kstanhouse@scu.edu

or
 Bruce Pittman, Dir. Flight Projects, Space Portal/ACES,
bpittman@alliancespace.net

or
 Jim Grady, CSO, Space Portal/ACES,
jgrady@alliancespace.net



Space 2006 Sept. 19-21, 2006
- The Value Proposition for Space -

**New Space Partnerships for
the Value Proposition
Special Sessions**

Tuesday, Sept. 19, 1:00 PM Room A1
Partnering for the New Space Economy
 (Chairs: J. Grady and G. Schmidt, Session 8-NSP-1)

1:00 - Preview of three day track and special events

1:05 - Invited presentation on **New Space Partnerships**
 by **Pete Worden, NASA Ames Center Director**

1:35 - **Policy Issues impacting Space Partnering**,
 panel moderator: **Jim Muncy, PoliSpace**
 Panelists:
Keith Cowing, NASA Watch
Dennis Wingo, Space Entrepreneur
Chris Kemp, NASA Ames, Escapia Inc. co-founder

2:05 - Invited presentation by **Michael Jones, Google,**
Chief Technology Officer of Google Earth

2:30 - Panel on **NASA Space Partnering Initiatives.**
 Panelists:
Frank Schowengerdt, NASA HQ
Henry Brandhorst, CSEPS, and other invitees
 Moderator: **Mike Wiskerchen, AERO Institute**

Tuesday, Sept. 19, 3:15 PM Room A1
International Partnering for the Next Decade
 (Chairs: K. Souza and J. Grady, Session 25-NSP-2)

3:15 - Introductions and overview by **Ken Souza**

3:25 - **International Industrial Cooperation in Space**
 panel. Moderated by: **Paul Eckert, International &
 Commercial Strategist, Space Exploration, Boeing**
 Panelists:
**Koichi Matsuyama, Asst. General Manager, Space
 Systems Dept., Mitsubishi Heavy Industries**
Charles Miller, CSI (CSI has been working with Russia)
Christian Roving, Roving-Space, Denmark
 other invitees

4:15 - **Innovative International Partnering** panel.
 Moderated by **Ken Souza, NASA Ames**
 Panelists:

**Jim Grady, International Offset & Commercial Space
 Working Group**
Johnnie Lee, NASA HQ, International Life Sciences
 other invitees

Wednesday, Sept. 20, 10:00 AM Room A1
DOD and Other Government Agency-Led Partnering
(Chairs: G. Schmidt and J. Grady, Session 44-NSP-3)

10:00 - DOD perspectives on New Space Partnerships
Gary Payton, Deputy Undersecretary for Space, U.S. Air Force, Washington, DC

10:40 - DOD, NRO, other Agency and Industry Partnering panel, moderated by Greg Schmidt, NASA Ames Space Portal

Panelists:

Jim Crisfulli, Director, Office of Aerospace Development, State of Hawaii

Tiffany Montague, Google, formerly with NRO

Jack Rubidoux, ASI

Jeff Greason, XCOR

other invitees

11:30 - Invited paper on DARPA Partnering on Space Programs

Wednesday Sept. 20, 3:15 PM Room A8
Innovative Partnerships; Commercial Crew/Cargo

(Chairs: G. Schmidt and J. Grady, Session 64-NSP-4)

3:15 - New Space Partnerships at NASA/COTS panel, Moderated by Dan Rasky, NASA Ames Space Portal

Panelists:

Alan Lindenmoyer, COTS Manager, NASA JSC

Gwynne Shotwell, SpaceX*

George French, Rocketplane Kistler*

Mark Sirangelo, SpaceDev*

Chris Hoefft, Andrews Space*

David Gump, tSpace*

Dan Bland, SPACEHAB*

(*the 6 COTS finalists)

4:15 - Panel on Innovative Space Partnerships; Government, Universities and Industry

Panelists:

Peter Norvig, Google, Director of Research (invited)

Amaresh Kollipara, Accenture/Aerospace Consultant

John Baras, HyNet

Geoff Brown, m2mi

other invitees

Moderator: Phil Smith, ACES



Thursday, Sept. 21, 10:00 AM Room A1
Partnerships for New Space Enterprise Companies
(Chairs: P. Smith and J. Grady, Session 84-NSP-5)

10:00 - Space Entrepreneurial Partnering
Elon Musk, Chief Executive Officer of SpaceX

10:30 - The following will feature perspectives on innovative and entrepreneurial new space partnerships and the public announcement of the new NASA venture capital fund. Moderated by Alan Marty, consultant to COTS and Red Planet Capital

10:30 - Innovative Partnerships Program Initiatives
Richard Dissly, Dep. Dir. of Advanced Products, Ball Aerospace

Larry Barone, Managing Director, Bay Area Economics/ NASA Ames

10:40 - Introducing Red Planet Capital
Jacques Vallee, General Partner, Red Planet Capital
Lisa Lockyer, Executive Secretary, NASA Interface Center

11:00 - Panel discussion:

Elon Musk, SpaceX, El Segundo

Richard Dissly, Ball Aerospace

Larry Barone, Managing Director, Bay Area Economics/ NASA Ames

Jacques Vallee, General Partner, Red Planet Capital

Lisa Lockyer, Director, NASA Red Planet Capital

Business Office

Ryszard Pisarski, Deputy Chief, NASA Ames Technology Partnership Division

Thursday Sept. 21, 1:45 PM Room A8
Space Companies Partnering with New Models

(Chairs: C. Kitts and J. Grady, Session 102-NSP-6)

1:45 - Panel on New Approaches Commercial Space Partnering, Moderated by Prof. Chris Kitts, SCU
Panelists

Dan Coughlin, Space Portal, from NASA MSFC

Andy Turner, Space Systems Loral

other invitees

2:30 - Public Private Partnership for Re-Entry and other partnerships providing enabling technologies.

Panelists:

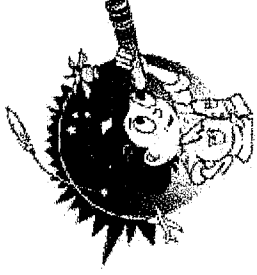
Bill Ailor, The Aerospace Corporation

Joe Carroll, Tether Applications

Dan Rasky, NASA Ames Space Portal

other invitees

3:30 - Premiere showing of the film: Legacy of Apollo: Enduring Gift to Humanity
(by Michael Danty and Kathleen Connell; approx: 32 minutes)



Special Teacher,

We've been looking for you!

You are invited to join AIAA -
American Institute of
Aeronautics and Astronautics.
As an Educator Associate

it is **FREE!**

As a member you have access to
wonderful aerospace resources.

You may participate in local AIAA activities and
you are eligible to apply for a
\$200 classroom grant!

AIAA is a professional association
that cares about children and wants to

MAKE MATH & SCIENCE FUN!

Signing up is easy.

Go to -

<http://www.aiaa.org/content.cfm?pageid=181&MemberType=EduMember>

Fill out the short form and you are a member!



American Institute of Aeronautics and Astronautics

With more than 35,000 engineers, scientists, and students from industry, academia, and government, AIAA is the largest professional technical society and information resource devoted to the progress of engineering and science in aviation and space. We understand the importance of a good math and science education. We recall the mystery and wonder of science.

That's why AIAA offers a special membership program to educators like you. Become an AIAA Educator Associate and let us help you make math and science even more fun for your students.

Bring New Energy to Your Classroom

Let's work together to spark students' excitement for discovering the fascination of nature, machines, space, aviation, how things work, why things happen—all facets of math and science. Our members can provide you with the educational materials, financial resources, and classroom experiences to improve the scientific literacy of our youth and advance the arts and sciences of aerospace.

AIAA members live in communities around the world and in your hometown. Look to your local AIAA section to bring aviation and space to your classroom in exciting ways!

Let AIAA Supplement Your Lesson Plan Today

Let's team up to supply our students with top-notch science and math skills. Let's re-energize imagination in the classroom and renew interest in scientific discovery and research. Let's get the next generation of pilots, scientists, and space explorers off to a flying start. Complete an application and become an Educator Associate member today.

WHAT "EDUCATOR ASSOCIATE" MEANS TO YOU

As an associate, you'll have free, unlimited access to:

- Participate in local AIAA section activities. Monthly meetings, technical sessions, site tours, social events—each provides an opportunity to network with aerospace professionals in your community.
- Attend AIAA conferences FREE (if you register in advance). AIAA holds more than 20 technical conferences each year, covering everything from aerospace and life sciences to propulsion and structures. Keep your knowledge state of the art.
- Qualify for up to a \$200 grant to push your science, math, or related academic agenda forward. Classroom grants are available through the AIAA Foundation, awarding thousands of dollars in grants and scholarships to students and teachers each year.
- Tap into the AIAA clearinghouse of aerospace information. Let AIAA be your one-stop resource for aerospace information. The Institute offers a collection of video and print educational materials to assist you in your efforts TO MAKE MATH & SCIENCE FUN.
- Gain recognition for efforts in education. Add excitement to your classroom and qualify to win an all-expense paid trip for you and a guest to Washington, DC. AIAA members are looking for outstanding educators to nominate for special recognition at our gala annual event, the AIAA Aerospace Spotlight Gala.

Questions ???

Call Sharon Freeburn,
San Diego's local Educator Associate Mentor
At

619-847-5518