



AIAA San Diego Section Council Meeting Minutes – November 14, 2007

The meeting called to order at 6:03 P.M. and adjourned at 6:49 P.M.

COUNCIL ATTENDANCE: 13

AIAA GUESTS: 0

NON-AIAA GUESTS: 0

ATTENDANCE: See Attached Roster

Discussion Topics:

- Dinner Meeting, Need Speaker
 - Prices changed for dinner meetings:
 - \$5 for students
 - \$10 for members
 - \$15 for nonmembers
 - Free if you join
- Need website input
- Lick-N-Stick – RHF Scholarship

ADMINISTRATIVE

- Secretary Report – Kevin Willett
 - October minutes approved
- Treasurer Report – Penny Ulander – Not Present
- Chairman’s Report – Greg Marien
 - Still need diner meeting speaker for this month, will probably be in December
 - Kevin Burns has a possible speaker
 - Website inputs needed

MEMBER SERVICES

- Membership – Jim Peterson
 - Report attached
- Honors and Awards – Keith Glassman –
 - Nothing to report
 - Greg: Large budget available for awards ceremony
- Professional Society Liaison – Warren Johnson
- Young Professionals – Kevin Scanlon

Greg Marien Section Chair	Doug Armstrong Field Trips	Jim Peterson Membership Development	Warren Johnson Professional Society Liaison	George Faulkner SDSU Faculty Advisor
Kevin Willett Secretary	Kevin Burns Region VI Delegate	Chris Root History & Bylaws	Irene Chan Webmaster	Keiko Nomura UCSD Faculty Advisor
Penny Ulander Treasurer	William Chana RHF Scholarship Coord	Keith Glassman Honors & Awards & Career Enhancement	Kevin Scanlon Young Professionals	Alejandro Aguirre SDSU Student Chair
Penny Ulander Vice Chair Long Range Planning	Phil Smith Pre-College Outreach	Tom Ohno Program Arrangements	Jenny Rhymer Newsletters & Electronic Bulletin/Flyers	Irene Chan UCSD Student Chair
Joel Perez Vice Chair - Technical	Phil Smith Public Policy	Maziar Sefidan Student Activities	Steve Harrington Rocket Project	Sharon Freeburn Educator Associates



- Brainstorming an event for January

PROFESSIONAL PROGRAMS

- VC Long Range Planning – Penny Ulander – Not Present
- VC Technical – Joel Perez –
 - Attended AIAA L.A. section
 - Discussed ARIES upper stage rocket
 - May have to leave San Diego
- Program Arrangements – Tom Ohno –
 - LabCAD engineering presentation
 - Discussed VTOL UAV
 - Suggested recruiting Aerospace students to help with event
 - Students get free food and admission
 - Good job opportunities
 - Motion passed to get give free admission and food to student volunteers for the next event
- Field Trips – Doug Armstrong
 - General Atomics field trip
 - Out of 35 ppl that signed up, 15 showed up
 - Out of 4 students that signed up, 2 showed up
 - No further field trip scheduled, probably none until next year
 - Doug will not be here next month

COMMUNICATIONS

- Newsletter & E-Bulletins – Jenny Rhymer – Not Present
- Flyers – Jenny Rhymer – Not Present
- Webmaster – Irene Chan
 - Need input for website
 - Report attached
 - Aerospace Legacy Foundation event in Downy, Sunday November 18
- History & Bylaws – Chris Root –
 - Nothing to report
 - Will make an attempt to electronically store information
- Region VI Delegate – Kevin Burns – Not Present
- Public Policy – Phil Smith – Not Present

EDUCATION PROGRAMS

- Pre-College Outreach – Phil Smith – Not Present
- Educator Associate – Sharon Freeburn
 - Teacher resource center open
 - Science and Technology Research center, at NTC
- Student Activities – Maziar Sefidan
 - Meeting on Nov. 6th
 - Cpt. Faulkner discussed Reuben H. Fleet Scholarship
 - Half scale of their plane built
- Rocket Committee – Steve Harrington – Not Present – Alex represented
 - Rocket project
 - New rocket started
 - Fire last may destroyed previous rocket
 - 4 students are heading up project
 - After Xmas break they will begin testing
 - 8in dia rocket, pressurized fuel



AIAA STUDENT CHAPTERS

- UCSD Student Chapter Chair – Irene Chan
- UCSD Faculty Advisor – Keiko Nomura – Not present
- SDSU Student Chapter Chair – Alejandro Aguirre – Not Present
- SDSU Faculty Advisor – George Faulkner
 - Had to quite flying wing project (out of resources)

ACTION ITEMS

- Prices for dinner meetings:
 - \$5 for students
 - \$10 for members
 - \$15 for nonmembers
 - Free if you join
- Penny Ulander - update financial report

NEW BUSINESS

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Present	Absent Excused	Absent	Position	Name/Company
X			Section Chair	Greg Marien
X			Secretary	Kevin Willett
-	-	-	Treasurer	Penelope Ulander
	X		Vice Chair – Long Range Planning	Penelope Ulander
X			Vice Chair – Technical	Joel Perez
X			Program Arrangements	Tom Ohno
X			Field Trips	Doug Armstrong
	X		Flyers	Jenny Rhymer
-	-	-	Newsletters	Jenny Rhymer
X			Webmaster	Irene Chan
X			History & Bylaws	Chris Root
X			R. H. Fleet Scholarship Coord.	Bill Chana
	X		RAC VI Delegate	Kevin Burns
	X		Public Policy	Phil Smith
X			Membership	Jim Peterson
X			Honors & Awards, and Career Enhancement	Keith Glassman
	X		Student Activities	Maziar Sefidan
	X		Professional Society Liaison	Warren Johnson
-	-	-	Pre-College Outreach	Phil Smith
X			Young Professionals	Kevin Scanlon
X			Educator Associate	Sharon Freeburn
			Member at Large	Vacant
X			SDSU Faculty Advisor	George Faulkner
	X		SDSU Student Chair	Alejandro Aguirre
		X	UCSD Faculty Advisor	Keiko Nomura
-	-	-	UCSD Student Chair	Irene Chan
		X	Rocket Project	Steve Harrington

 **@UCSD Updates**
Wednesday, November 14, 2007
Irene Chan, AIAA@UCSD Chair

Events Overview

- AirShow/BBQ: Saturday, October 13
 - 23 people showed up and enjoyed a fine Costco meal
- Industry Panel
 - Postponed until the week of January 14, 2008 due to SD fires
- General Body Meeting: Tuesday, November 27, 7:00pm, UCSD Campus:
location to be determined
 - Rolf Schultz and Byron Lowry (senior AIAA member and former San Diego Section chair) will present on the history of the Torrey Pines Glider Port and discuss the current UCSD housing developments that will affect the future of the Glider Port

SDASM Meeting

- Still working out a meeting date to further discuss previously mentioned events

FIELD TRIPS REPORT

NOV. 14, 2007

The field trip to General Atomics Fusion Facility on October 26 was an overwhelming success. A total of 35 people signed up but 3 had to cancel. Only 3 students signed up.

The attendance for this amazing facility tour was 2 students and 11 other members.

Doug Armstrong
Field Trips Chair



Date: November 14, 2007
To: AIAA Council
From: James D. Peterson
Subject: Membership Committee Report for November 2007
Enclosure: 2007 AIAA Membership Status – November.

The attached Membership Status spreadsheet (Attachment A) prepared from the San Diego Professional Summary report shows current Professional Membership of 408, a decrease of 8 from last month. There was 1 New Member, 6 Transfers-In, 7 Transfers-Out and 7 Drops.

There were 9 in the “Two Months Past Due” category. These are the members whose dues expired on 31 August 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 members.

The total Student membership is 101, down 3 from last month. We have 25 Educator Associate Members in good standing, up 8 from last month.

One of our former members, Dr. Robert W. Bussard, passed away on 6 Oct. He transferred to the Albuquerque Section in Sept 2006. He was instrumental in developing the nuclear rocket program at Los Alamos in the 1950's and 1960's. He was an AIAA Fellow.

Mailing List. The number of mailing labels on the Data Maker list is 566, down 4 from last month. (Ninety-three percent of these have email.) This breaks down as follows:

- 1. Professional Members 408
- 2. Educator Associates 25
- 3. Student Members 101
- 4. AIAA Officers 32

Submitted by,

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 Willett Secretary	Kevin Burns Region VI Delegate	Bill Chana/Chris Root History & Bylaws	Irene Chan Webmaster	Dr. Keiko Nomura UCSD Faculty Advisor
Robert Matson Treasurer	Jenny Rhymer Flyers	Keith Glassman Honors & Awards & Career Enhancement	Kevin Scanlon Young Professionals	Alejandro Aguirre SDSU Student Chair
Penelope Ulander Vice Chair - Long Range Planning	Phil Smith Pre-College Outreach	Tom Ohno Program Arrangements	Jenny Rhymer Newsletters & Electronic Bulletins	Irene Chan UCSD Student chair
Joel Perez Vice Chair - Technical	Phil Smith Public Policy	Maziar Sefidan Student Activities	Steve Harrington Rocket Committee	Sharon Freeburn Educ. Assoc Coordinator

		Ref.													Jun 07 to
	Report Date:	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-07	Nov-07
Membership by Grade															Change
MC	Associate Fellow	25	25	24	25	28	28								3
MC1	Associate Fellow (Retired)	31	32	33	33	35	35								4
MA	Associate Member	5	3	3	2	2	2								-3
MA1	Associate Member (Retired)	0	0	0	0	0	0								0
MD	Fellow	5	5	5	5	5	5								0
MD1	Fellow (Retired)	14	14	14	14	14	14								0
ME	Honorary Fellow	3	3	3	3	3	3								0
MB	Member	126	132	135	140	141	135								9
MB1	Member (Retired)	4	4	3	3	3	3								-1
MB#	Lifetime Member	0	0	0	0	0	0								0
MS	Member (Student Upgrade)	19	17	18	17	18	16								-3
MH	Senior Member	119	118	116	112	111	111								-8
MH1	Senior Member (Retired)	56	55	57	58	54	54								-2
MH#	Lifetime Senior Member	2	2	2	2	2	2								0
	Total Number of Members:	409	410	413	414	416	408	0	0	0	0	0	0	0	-1
	Monthly Change:	Ref	1	3	1	2	-8								
	Cumulative Change:	Ref	1	4	5	7	-1								
Membership Changes															
	New Members	3	2	6	3	7	1								19
	Transfers-In	6	4	9	6	5	6								30
	Transfers-Out	1	3	7	3	1	7								21
	Dropped	8	5	6	9	7	7								34
	Monthly Change:	0	-2	2	-3	4	-7	0	0	0	0	0	0	0	
Dues Past Due															
	Two months past due	7	3	9	9	8	9								38
Retired Members															
	Number	105	105	107	108	106	106								1
	Percentage	25.7%	25.6%	25.9%	26.1%	25.5%	26.0%								
Other Members															
SS	Student Members	97	98	95	99	104	101								4
NEA	Education Associates	37	38	38	14	17	25								-12



American Institute of Aeronautics and Astronautics

SECTION MEETING REPORT

Report must be submitted to the Regional Director and AIAA Staff Liaison within three (3) days after the meeting.

SECTION: **San Diego Section**

REGION: **Region VI-**

TOPIC/SUBJECT OF MEETING: **Developing a new aircraft concept on a shoe string budget**

SPEAKER(S): **Gert Lundgren**

MEETING DATE: **October 11, 2007**

Provide a brief summary of the meeting. Describe the location, time, publicity, and quality of the presentation.

Gert Lundgren, CEO of LAPCAD Engineering presented the trials and adventures of developing a new vertical take-off to horizontal flight aircraft. He displayed a model of his new design and presented a video/slide presentation at Wyle Laboratories in San Diego, Ca.



The presentation drove through his efforts to design/redesign, test, and fund his projects towards an aircraft capable of vertical and horizontal flight. Videos of first flights, tests, and instabilities, brought the presentation and his struggles to life. It was exciting to see that a few individuals can make an idea turn into a functioning aircraft.

30 out of 34 people attended the 5:30 pm dinner meeting (9 AIAA members, 17 non-members, 4 Students). Most publicity was sent via AIAA E-newsletters and emails throughout multiple corporations. A Chinese dinner buffet (Great Wall Express at \$150.00) was provided at a cost of \$8.00 per member/nonmember and \$4.00 per student.

ATTENDANCE (estimate ok):

Members	9
Students	4
Nonmembers	17
TOTAL	30

SPECIAL GUESTS: Gert Lundgren

FINANCIAL: Please list major items of expense and revenue and net. Also, how did these compare to the meeting budget (estimates ok).

Catering (Great Wall Express)	= \$150.00
24 Diet cokes and 24 Waterbottles	= \$ 13.98
Total Cost	= - \$163.98
Revenue from attendance	= +\$204.00
Gain	= \$ 40.02

PRESENTATION INFORMATION: Gert Lundgren (LAPCAD ENGINEERING)

Name, Address, and Phone Number of Speaker:

Gert Lundgren
8305 Vickers Street, Suite 202
San Diego, Ca 92111
858-467-1947 office

Would you recommend this speaker to:

Other sections? Yes **X** No _____

AIAA Distinguished Lecture Program Yes ?? No _____

Please provide any unique characteristics of this meeting, including audio-visual requirements, time of day, higher or lower attendance than anticipated, or other factors which made this particular meeting a success or non-success. Include positive/negative lessons learned in any area that would assist others if attempting a meeting like this.

I believe it was a successful meeting. Promotion from members to co-workers via email brought a good turnout. Large portions of food left everyone taking generous plates (still, much was left over). Great Wall Express (619-223-8929) provided a great deal of food for a minimal price, allowing us to drop the price for attendance from \$10 to \$8 dollars.

Attendance was scarce at 5:30pm but most came in by 6:15pm. The display of the model provided a "hands-on" look at the designs seen in the videos presented (2 projectors to a PC). It also provided much to talk about after the presentation was over.

Person submitting this report: **Joel Perez**

Date: **October 20, 2007**

Phone number: **760-285-2018**

DISTRIBUTION: Regional Director and Regional Staff Liaison
Attach: meeting promotional material