

**AIAA Adaptive Structures Technical Committee
Meeting Minutes
5 April 2000
Atlanta, Georgia**

David Jensen called the meeting to order at 12:10 pm. There were 27 attendees. (See attached attendance list.)

Steve O'Leary (AIAA Staff) reviewed for us the new on-line abstract submittal and conference organization system. The new system should be available around 6/15/2000 for use in the 2001 SDM. AIAA will organize demonstrations over the next 6 to 9 months by way of on-line conference calls.

David Jensen then introduced new, old and retiring members of the ASTC. The AIAA handed out t-shirts to all the TC members. David handed the leadership of the ASTC over to George Lesieutre.

The minutes from the previous ASTC meeting were approved by unanimous oral vote.

Old Business

ASF 2000 Report (F. Straub)

There were 47 abstracts submitted to the ASF for 2000. That was down from 60 submitted the previous year. Of these, 3 were declined and 2 were otherwise withdrawn, so there were 42 papers. These were divided into 7 sessions. The accepted papers included 29 from universities, 4 from government, and 9 from industry.

Short Course (G. Lesieutre)

AIAA sponsored a short course this year in adaptive structures for the first time. There were 13 attendees. AIAA will decide whether to repeat this offering in future years.

Awards (G. Lesieutre)

George Lesieutre chaired the ASME ASMS best paper committee.

Publications and Highlights Article (D. Brei)

Greg Agnes and Tupper Hyde are assembling the annual Aerospace America highlights article in adaptive structures for this year. Send them graphics and information to be included in the article. The deadline for the article is early August. Please note that funding agency information and personal names are likely to be edited out by AIAA.

Web Site (M. Reggelbrugge)

Thanks to Clark Smith, the new web site for the TC has been up since Fall 1999. <<http://www.aiaa.org/tc/as/>> Help is needed with future maintenance of the site. Volunteers should contact Marc.

International Activities (Matsuzaki)

The SPIE International Symposium in adaptive structures was held in March. The next ICAST meeting will be co-sponsored by AIAA (a first), and will be in October, 2000 in Nagoya, Japan.

Congressional Visit Day (G. Lesieutre)

This year's visit went well. There was a very high level of interest from congressional aides in getting unbiased information directly from AIAA instead of from industry.

Century of Powered Flight (G. Agnes)

The Century of Powered Flight will be in Dayton in [need date].

ASTC By-Laws (K. Griffin)

The intent was for ASTC to adapt the by-laws of the structural dynamics TC, which were finished about 4 years ago. Unfortunately, they had not been located by the time of the meeting. David Jensen has since forwarded them to Ken. A draft version of the ASTC bylaws will be discussed at the TC meeting at the ASME ICECE conference in November in Orlando, and circulated beforehand.

Structural Dynamics TC Liaison Report (K. Griffin)

The TC's are discussing the relationship between the SPIE and AIAA/ASF meetings. The general preference is not to change the SDM.

The committee is looking into outreach and educational videos for secondary schools and undergraduates.

Structures TC Liaison Report (D. Jensen)

About 3-4 papers were submitted in the composites area that were adaptive structures topics, but the authors specifically requested that the papers not go to the ASF. The committee is intending to pursue new topics (e.g. multifunctional structures).

New Business

ASF 2001 (D. Brei, Technical Chair)

The call for papers for next year's ASF was handed out, and a sign-up sheet for session chairs/reviewers/ideas was circulated. Send Diann email with your interests/ideas and keep the August 7, 2000 abstract deadline in mind.

There is a new guideline for "student papers" which allow advisors to appear as co-authors of the paper. The student papers need to be submitted as a "student paper" to be considered for judging. They may be in regular sessions, but send Dianne an email to ensure you get a slot in the regular sessions.

Publications (G. Lesieutre)

George proposed a "where's the beef?" article on adaptive structures for Aerospace America. Janet Sater agreed to lead this effort.

Ready-made white papers are needed for use with the congressional visit day. It was suggested this be folded into the web site.

Awards (G. Lesieutre)

Associate Fellow nominations are due 4/15 each year. Letters of support are due to AIAA by 5/15 of each year. The awards are announced in the fall.

ASME offered the AIAA ASTC a larger voice in the selection of ASME ASMS Prize and Paper awards, to discourage the AIAA ASTC from developing new, diluting, awards. G. Lesieutre will coordinate this effort. ASF could seek to form an adaptive structures student Design Competition under the auspices of AIAA. Other ideas for adaptive structures awards are welcomed.

Long-Term ASF Issues (G. Lesieutre)

ASF was not intended originally to be a "permanent" forum in the SDM. This was also the sentiment of the SDTC and the STC. The question is at what point should the ASF become a mainstream part of the SDM? The primary issue may be one of advertisement on the call for papers. By setting adaptive structures apart in the call, the presumption is that this highlights that topic. D. Jensen was taking this sense of the committee to the STC.

Associate Editors

Two of our ASTC members are Associate Editors for AIAA Journal. Volunteers are needed for Associate Editors of the J. of Aircraft.

Elections

Friedrich Straub was elected Vice Chair of the ASTC. Until the bylaws are developed and approved, the term is understood to be one year.

Other Positions and Responsibilities

D. Jensen – Vice Director for the AIAA TAC Structures, Design, and Test Group.

L. Peterson – ASTC secretary (second of two year term)

A. Chattopadhyay – Awards

Congressional Visit Day – D. Pines, V. Babuska, M. Bauden

Next Meeting

5-9 November 2000 at the ASME ICECE conference, Orlando. Day TBD.

The meeting was adjourned at 2:30.

Respectfully Submitted

L. Peterson

Adaptive Structures TC Meeting Attendees (4/2000)

ATTENDEE NAME	MEMBER / GUEST	PREFERRED CONTACT METHOD (E-MAIL, PHONE, FAX, MAIL)
GEORGE LESIEUTRE	MEMBER	g-lesieutre@psu.edu
LEE PETERSON	MEMBER	Lee.Peterson@Colorado.EDU
ERIC FLINT	REP FOR ERIC ANDERSON	eric.flint@CSAENGINEERING.COM
JOHN RODGERS	MEMBER	rodgers@mide.com
DON LEO	GUEST	donleo@vt.edu
MICHAEL BAWDEN	MEMBER	Michael.G.Bawden@lmco.com
VIT BABUSKA	MEMBER	vit@mrj.com
MIKE TINKER	MEMBER	mike.tinker@msfc.nasa.gov
DAVID JENSEN	MEMBER	david@byu.edu
GREG ANGES	UNKNOWN	gregory.agnes@afit.af.mil
DIANN BREI	MEMBER	dibrei@umich.edu
M.C. NATORI	MEMBER	natori@neusslan.isas.ac.jp
EPHRAHIM GARCIA	MEMBER	egarcia@darpa.mil
STEVEN GRIFFIN	MEMBER	griffins@plk.af.mil
BEN K. WADA	MEMBER	ben.wada@earthlink.net
YUJI MATSUZAKI	MEMBER	matsuzaki@nuae.nagoya-u.ac.jp
MARK REGELBRUGGE	MEMBER	MARC@RNOMBUSCGI.COM
FRIEDRICH STRAUB	MEMBER	Friedrich.k.straub@boeing.com
KEN GRIFFIN	MEMBER	kgriffin@swrc.edu
SANAYA V. HANAGUY	MEMBER	hanagnd@ae.gateen.edu
VICTOR GIURGIUTIU	ASME-TC	victorg@sc.edu
LARRY PEEL	GUEST	Larry.Peel@tamulx.edu
JANET M. SATER	GUEST - ASME-TCM	jsater@ida.org
JAY KUDRA	MEMBER	kudraja@mail.norRgrum.com
ADITI CHATTOPADHYAY	MEMBER	aditi@asu.edu
DAVID MARTINEZ	UNKNOWN	
FRANK ABDI	MEMBER	fabdi@alPhastunCORP.com
LEVON MINNETYAN	MEMBER	Levon@clarkson.edu