

MEETING MINUTES

AIAA DETC

Aerospace Architecture Subcommittee

20 July 2004

International Conference on Environmental Systems, Colorado Springs

Conducting: A. Scott Howe, chair

Attendees:

Scott Howe, Kurt Micheels, Donna Duerk, Marc Cohen, David Nixon, Constance Adams, Susmita Mohanty, Theodore Hall, Thomas Gangale, Barbara Imhof, Marilyn Dudley-Rowley

Visitors:

Naoko Hatanaka, Frances Mount, Georgi Petrov, Sonja Holmes, Sam Ximenes, Len Holmin, Peter Ogbac

Attendees:

1.0 GENERAL BUSINESS

1.1 ASASC charter:

Current wording:

"For this reason, the Subcommittee supports professional (terrestrial) licensure for architects and engineers: the standard is to protect the health and safety of the public."

Proposed wording:

"For this reason, the Subcommittee supports professional qualification for architects and engineers, and seeks to define the nature of that qualification as it applies to these new environments: the standard is to protect the health and safety of the public."

1) Action item: continue this discussion online until we achieve a consensus on the wording among subcommittee members.

2.0 ACTIVITIES

2.1 ICES2005, Rome, Italia July 2005

Chair, co-chairs, technical sessions, workshop, retreat, etc.

- 3 technical + 1 panel + workshop session

- Need room for 80 people

2) Action item: verify chair / co-chair Andreas and Annalisa, with help from other European members.

3) Action item: Marc will look into workshop facility in Rome from Martina Grossi.

2.2 2nd Space Architecture Symposium Location (Habitability Conference?), organizing committee. Other possible locations: NASA Ames, Biosphere 2, to be held in October 2006?

- Ames apparently has reconfigured itself to permit freer public access from the outside and has 300 / 400 seat and 100 seat auditoria. On-site accommodation can be reserved at \$40 / 50 per night. Strong local attendance could be expected.

4) Action item: Scott / David find out more about Habitability conference as SAS location (contact Harry Janes).

5) Action item: Marc find out more about NASA Ames as SAS location.

6) Action item: Constance find out more about Biosphere 2 as location.

2.3 Robosphere, NASA Ames, 9-10 Nov 2004

2.4 Upcoming meetings / DETC activities:
Space2004 Sep 2004, ASC2005 (Reno) Jan
2005, new member presentations, etc.

2.5 Liaisons:
Life Sciences TC, Space Colonization TC, etc

- Marilyn to attend Life Sciences TC
- Tom to attend Space Colonization TC

2.6 Other issues:
Double blind review system, outside reviewers,
etc.

**7) Action item: Need to continue to
establish robust double blind review
system.**

3.0 EDUCATION

3.1 Education Matrix / online survey:
When do we get back to it?

**8) Action item: Determine next step for
education matrix / survey.**

3.2 Education webpage:
Need to compile a list of space architecture
programs, courses, etc, including short
abstracts of each.

**9) Action item: Donna to establish criteria
list for education webpage.**

3.3 Donna Duerk's NASA education study
supposedly ready by August.

**10) Action item: Marc to distribute copies
of Donna's report when available (Reno 6
Jan).**

3.4 Education paper part II:
First education paper will be published in
Journal of Architectural Education – we should
combine it with Donna Duerk's curriculum.

- Ted will head this up.

3.5 TU-Munich workstation:

4.0 RESEARCH & DESIGN

4.1 NASA CEV / Lunar Exploration Status

4.2 NASA 2004 SBIR solicitation

4.3 BEAMS project

4.4 SATE project:
Unsuccessful bid for phase II.

4.5 Marc's H&RT composite research initiative
/ Habot project

4.6 Aldridge Report:
What is the impact?

4.7 ASASC Volumetric Section for DETC
Design Guide

**11) Action item: Scott to prepare vector files
of ASASC Volumetric Section for
publication (Reno 6 Jan).**

5.0 PUBLIC RELATIONS

5.1 DETC Web Page

**12) Action item: Scott and Pravi to work on
DETC webpage (Reno 6 Jan).**

5.2 Automated E-mail List / online forum:
Suggested we set up a web logging framework
that has mailing list / forum plugins. Also, we
can set up a latest news section, and update
the gallery using weblog.

**13) Action item: Scott to update automated
email list (Reno 6 Jan).**

**14) Action item: Ted to establish online
forum at later date (Reno 6 Jan).**

5.3 Website Costs:
Possibility: create a "spacearchitect.org" polo
shirt and sell it on webpage.

- Discussed online sales for t-shirts and
publications.

**15) Action: Marc to discuss picking up
webpage costs at DETC level (Reno 6 Jan).**

5.4 Student Competition

5.5 Progress in Astronautics

6.0 MEMBERSHIP

6.1 Status of ASACS membership

The status of ASASC membership as of July 2004 is as follows:

Constance Adams
Serkan Anilir
Marc Cohen
Silvano Colombano
Annalisa Dominoni
Marilyn Dudley-Flores
Donna Duerk
Alice Eichold
Paola Favata
Thomas Gangale
Ted Hall
Matt Herman (associate)
Scott Howe

Barbara Imhof
Melina Kaczor (associate)
Bill Meyer
Kurt Micheels
Susmita Mohanty
David Nixon
Kenji Nozaki
Jun Okushi
Martina Pinni (associate)
Andreas Vogler
Adam Wapniak (associate)

6.2 New member search

- After we become TC, try to connect with IAF / IAC
- Need to establish yearly Spring retreat
- Try to meet every four months, and establish telecons