

Meeting Minutes SATC Telecon, 23 June 2017

Meeting: 19:00 UTC

Chair: David Wong
Vice-chair: Brent Sherwood

Attendance:

Current total of SATC members: 37

Invited: all

Participating members (27%): 10, pre-coordinated absence (E) 4

	Anton Andonov (I)	E	Sungwoo Lim (I)
	Payam Bahrami (I)		Elizabeth Lockard (R)
	Olga Bannova (R)	✓	Renée Matossian (R)
✓	Christian Carpenter (R)		Yash Mehta (R)
	Christina Ciardullo (R)		Kursad Ozdemir (I)
	Marc Cohen (R)		Georgi Petrov (R)
	Silvano Colombano (R)		Emanuel Pimenta (R)
✓	Ondřej Doule (I)		Raúl Pólit Casillas (I)
	Maria João Durão (I)		Luke Roberson (R)
E	Antoine Faddoul (R)		Tomáš Rousek (I)
✓	Brand Griffin (R)	✓	Brent Sherwood (R)
	Patrick Harkness (I)	✓	Jackelynne Silva-Martinez (R)
E	Sandra Häuplik-Meusburger (I)		Max Skuhersky (I)
	A. Scott Howe (R)	✓	Matthew Simon (R)
	Ogbonnaya Iheukwumere (I)		David Smitherman (R)
✓	Barbara Imhof (I)		Joseph Torkaman (R)
	Abhishek Jain (R)	✓	Sam Wald (R)
E	Mark Kerr (R)	✓	David Wong (I)
	François Lévy (R)		

Announcement:

- SATC Membership: new term began in May. Three new members joined. (Christina Ciardullo, Yash Mehta & Max Skuhersky)
- AIAA requesting updated list of industry experts.
- SATC leadership election
 - Brent Sherwood to become SATC chair from May 2018.
 - New SATC vice chair to be elected by this fall.
 - Candidates can be self-nominated or nominating by other members with concurrence..
 - New SATC vice chair term to officially begin from May 2018 to April 2020, as then as SATC Chair from May 2020 to April 2022. (4 years commitment in total)

AIAA Space Forum

- Sam Wald helping Matt Simon on sessions organization.
- Approx. 30 papers assigned to 4-5 sessions plus posters.
- Manuscript review – by July, need to draft 6-7 reviewers
- SATC annual meeting followed by SATC dinner. 9 members stated intention to attend SPACE Forum according to poll (~ 25% TC membership).
- Ondrej Doule: FIT workshop, potential one-day event the day after the AIAA conference – complications to planning/budget approval etc. TBC, more info in 2-4 weeks.
- Post meeting note: OD confirmed FIT workshop is not going ahead this year.

IAC

- 11 confirmed papers; 1 accepted but not yet confirmed; 2 withdrawn.
- Session E5.1 is 14:45 –17:45 Tuesday 9/26 in Adelaide.

ICES

- No status update

SAS

- Bremen /Washington? Both established hub of space related activities.
- 2018 is also designated “Space Year” in Bremen. IAC LOC likely to make a big emphasis about that in Bremen.
- An option to plan SAS events at both locations, each with different “flavors” which is sensitive to local demographics.
- The key to successful SAS organization is to identify a suitable venue at the location, AND a leader who is willing to take up the responsibilities of organizing the specific event.
- David Wong to setup SAS task group for initial planning

SATC Membership Engagement

- Over 75% responded
- Q1 - 25% attending AIAA Space Forum
- Q2 – 50% said 1-2 hours a month
- 41% respond to student inquiry. Response rate for student inquiries nowhere near this level; need to establish a system.
- Christian Carpenter advocates a log-in type scheme, to filter out non-serious inquiries. No joining SpaceArchitect.org necessary.
- Brent: requires deep thought about what advice to give, and how to deal with the challenge that the best advice requires a personal touch. The more we automate our response, the more careful we have to prepare our content. Need heavy discussion among us in order to address diversity of viewpoint among SATC members on many subjects – there are no consensus yet. It will not be a trivial task. BI seconded.
- SATC’s “How to become an architect” brochure was originally conceived to fulfill the objective of being the “one-stop-shop” for dealing with general enquiries. In practice the brochure has only partially met its objectives.

Awards

- No podium event this year at SPACE 2017 (no winners planning to attend)
- All session chairs reminded to provide recommendations for this year’s (next year’s) awards.
- Renée Matossian: SATC Best Professional Paper (many years, \$300). Best Student Paper (last year was the first; award has to be made by end-of-Sep, \$200. The “year” for student best paper award runs from Sep 2015- Sep 2016, which include paper entries from IAC Guadalajara, AIAA Long Beach, ICES Savannah. This is due to the AIAA TC funding cycle.
- Papers are judged based on a combination of both presentation & paper content
- Option/suggestion to shift the SATC student paper award calendar to springtime?
- Renee to liaise with Peter Montgomery to understand current state of award process.
- AIAA award setup may be changing in the future...
- Brand Griffin – what about expanding scope to other types of awards beyond conference papers? E.g., service, designs, projects...
- Potentials to attract sponsorship? Executive project?
- Topic for discussion, recognition for professionals, money for students?
- Idea to make recognition posting on website with different people each year on website?

Aerospace America

- workflow for 2017 Year-In-Review article has begun.
- Maria Joao Durao, Ted Hall & Barbara Imhof would reprise their roles as editors.
- Getting input from all people – what should be presented? Highlight specific project? Consolidate, send links to editors

Outreach

- Suggestion to set up a general recommendation /FAQ page on the website, and send enquiries to that page.
- Suggestion to utilize Wikipedia as a tool for space architecture community
- Problem with email forum – similar questions get repeatedly asked again.
- Christian Carpenter – supporting outreach by participating as judge for NASA’s 3D printed Habitat Competition Level III and Level II as well as the AIAA the Phobos Base student competition.
- Outreach & Education SC chair (TR/PH) to follow up and work together and come up with a plan dealing with the SA related enquires
- Brochure update - Ondrej to reconcile blurring between SATC and SpaceArchitect.org within the “How to become a space architect” brochure, based on items to be identified by DW.

SpaceArchitect.org

- No status update

Other Discussions

- Brent reported on GLEX conference 2017 in Beijing – internal commercial fair for Chinese space industry and space program, consumption of Chinese press, good for IAF and China, number staggering, well funded, more than 1-2 magnitude of people working on projects compared to the West. Very organized. Expect state change, replicate all the things the world have done – and beyond, Space science mission every year
- Working with Chinese not easy, go via country
- Brand noted that there six contractors developing space architecture for NASA (Deep Space Gateway) and asked if SATC know anyone who is engaged with any of them.
- Suggestion to make more of an effort to engage them and promote values offered by space architect.

Selected action Items (Completed items to be deleted in next minutes)

Item	Description	Lead	Status	Deadline
AIAA SATC website	Call for volunteers to update and maintaining the AIAA SATC website	David/Brent	Ongoing	
SATC membership nominations	Liaise with AIAA HQ to update SATC membership roster	David/Brent	done	31Jan17
HERA	Consider writing a space architecture specific report / paper comparing their experiences in HERA, to feature in 2017 conferences	Mark Kerr Jackelyne Silva	expired / obsolete	TBD
Awards	liaise with AIAA regarding podium event & Certificate of Merit for the Best paper awards	Renee Matossian David Wong	done	May 2017
Awards	liaise with Peter Montgomery to understand current state of award process.	Renee Matossian		TBD
Dealing with SA enquiries	Lead on process to setup system/mechanism to deal with SA enquiries	Tomas Rousek Patrick Harkness	ongoing	ASAP
ICES	Volunteers required to assist in ICES manuscript reviews	ALL	ongoing	ASAP
ICES	Identify path to get SATC to become official co-organizer of ICES, as other AIAA TCs.	GP/SHM	ongoing	TBD
SPACE Forum	Volunteers required to assist in ICES manuscript reviews	ALL	ongoing	July 2017
IAC	Call for new ideas/topics for GNF in IAC 2017 Adelaide	IAC leads	expired / obsolete	TBD
SAS	setup SAS task group for initial planning	David Wong	ongoing	ASAP
Mail hosting	Call out to wider community to seek advice and ideas to tackle the capacity problem	David	ongoing	TBD
SA school list – draft for website	Generate publishable list of colleges and schools providing space architecture-relevant education	Olga (Marc's list)	Ongoing	TBD
Online SATC outreach brochure update	SATC SA online brochure requires update - SATC members who wish to participate should submit inputs ASAP	Ondrej, David Contribution from SATC	Ongoing	TBD
Space Construction Book	Restart/refocus space construction book for space system architects	Sungwoo Construction SC	Ongoing at 5%	TBD

Next Meeting

- **Next virtual meeting/ telecon – early Oct**
- Action items updated on **03 July 2017**
- Minutes prepared by David Wong
- Minutes reviewed / approved by all participants by **14 July, 2017**
- Minutes distributed to members@SpaceArchitect.org by **27 July, 2017**