

Meeting Minutes SATC Telecon, 13 October 2017

Meeting: 20:00 UTC

Chair: David Wong
Vice-chair: Brent Sherwood

Attendance:

Current total of SATC members: 37

Invited: all

Participating members (16%): 6, pre-coordinated absence (E) 7

	Anton Andonov (I)	E	Sungwoo Lim (I)
	Payam Bahrami (I)		Elizabeth Lockard (R)
E	Olga Bannova (R)	E	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)
E	Maria João Durão (I)		Luke Roberson (R)
	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)	E	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 nomination
 - New member to fill in application on the AIAA website. Deadline: end of October.
 - SATC leadership to review members' activities
- SATC leadership election
 - Nomination for new Vice Chair is now open until 3rd November.
 - 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)

Awards

- Student Paper Certificate of Merit (2016-2017)
 - Winner: "ACOSS (Advanced Commercial international Space Station), Commercially Habitable LEO/Mars Habitable Module," by the University of Houston, SICSA team of Suzana Bianco and Shunsuke Miyazaki.
 - Stipend issued, AIAA to send out Certificate of Merit this week.
- Funding
 - Funding for the next professional & student best paper has not been confirmed yet. Alternative arrangement is being discussed.
- Professional Best paper selection 2017
 - All session chairs reminded to provide recommendations for this year's (next year's) awards.

Aerospace America

- Barbara Imhof led a small team with Maria Joao Durao, & Ted Hall and completed the 2017 Year-In-Review article.
- To be published in the December issue.

IAC

- IAC2017 Adelaide
 - 8-9 talks in sessions, better attended than last year. 20-30s
 - Varied quality of papers – discussion on how to enhance quality for next session.
 - Elon Musk's presentation at IAC about "cabin" rather than "seat"?
- IAC2018 Bremen
 - Barbara, Brent & Olga to co-chair IAC Bremen.
 - Aim to get all six contractors of NASA Nextstep2 prototypes to represent, – no solid plan yet.
 - Brand Griffin offered to help connecting to the right people

ICES

- ICES 2017 Charleston
 - Seven presentations in the biggest room at the conference. Audience turnout maxed out at 70.

- ICES 2018
 - Will be chaired by Francois Levy, co-chaired by Georgi Petrov, Sandra Haeuplik-Meusburger and Donald Barker.
 - Abstract submission deadline – November 10th

SAS

- Initial Planning
 - David Wong formed SAS task group on Facebook as an experiment – ineffective, will revert back to typical email correspondence.
 - Much discussion about how to get it going. Who is willing? What is the objective? Who is going to attend? Perhaps to be determined by the person who is going to lead on the effort?
 - Contact David and Brent if interested to get involved into the organization of the next SAS.
 - Suggestion to engage with AIA chapter/architecture community at Bremen

AIAA Space Forum

- Space 2017
 - 19 papers & 4 posters published out of 42 abstracts received. Rejected 6 at abstract level.
 - conducted an informal paper review process which was moderately successful – allowed improvement to the content of several papers from first time authors.
 - still in the process of determining best paper candidates.
- Space 2018
 - Sam Wald to lead on effort for Space 2018 organization.

Outreach

- Mars City Design
 - Brent reported on the “platform” gala event - the design competition is in its 4th year operation, had a lot of entries, the gala event had around 100 ppl attendance included international attendances. Nice event with posters displayed. Award presentations in different categories.
 - Still low in technical fidelity, lacking in engineer vigor, but delivers in attracting people to engage with space. Diversity inclusivity.
 - Should SATC engage proactively? Brent recommends not unless MCD invites technical review/participation
- Spacearchitect.org hack
 - Website was hacked last month, briefly redirecting visitor to malware site. The hack utilized a back door vulnerability remained from the previous website attack back in 2014.
 - Website has now subscribed to a website security service.
 - Further technical works to be completed (e.g. setup firewall, SSL, etc.)
 - More webmaster stuff needs to be done...need a real webmaster.
- student enquiries.
 - Standing action. Many great suggestions from previous telecom such as FAQ pages, Wikipedia, etc. need to be followed up. Not much has been done since last telecom.

Finance

- No change to SATC finance account
- Spacearchitect.org annual dues will increase to cover additional cost of website security.
- Dues are typically collected by the end of January.

Other Discussions

- Next telecon – early to mid December.

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	
Awards	liaise with Peter Montgomery to understand current state of award process.	Renee Matossian	Ongoing	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	expired / obsolete	
ICES	Identify path to get SATC to become official co-organizer of ICES, as other AIAA TCs.	GP/SHM	ongoing	TBD
SAS	setup SAS task group for initial planning	David Wong	done	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/mid December**
- Action items updated on **16 October 2017**
- Minutes prepared by David Wong & Brent Sherwood
- Minutes reviewed / approved by all participants by **20 October, 2017**
- Minutes distributed to members@SpaceArchitect.org by **21 October, 2017**