

SATC: SATC telecon, 23Dec2019, minutes

Brent Sherwood <BSherwood@blueorigin.com>

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To: AIAA SATC <satc@spacearchitect.org>

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SATC held its year-end telecon on Monday 23 December, via Zoom.

Attendance

13 accepted the time for the call; two people pre-coordinated absences. Six people called in:

Olga
Brent
Brand
Kevin
Barbara
Georgi

Conferences and Meetings

2019 follow-up

ICES – Action Georgi and Sandra: Submit 2019 best paper candidates to Emanuel for the 2020 award cycle.

AIAA P&E – Action Sam and Matt: Submit 2019 best paper candidates to Emanuel for the 2020 award cycle.

IAC – Actions Barbara, Olga, Brent: 1) Write and submit E5.1 report to IAF; Olga to draft; Barbara and Brent to edit, then add summary of Special Session. **2)** Submit 2019 best paper candidates to Emanuel for the 2020 award cycle.

2020 preview

ICES Lisbon (12-16 July) – 32 abstracts received; almost all are tagged for review; feedback to authors will be sent in mid-January. Georgi has a spreadsheet with data from several prior ICESs; historically, we end up with about 40%-50% the number of manuscripts as compared to abstracts, so he estimates the Lisbon conference will have ~16 papers.

SAS Lisbon (17 July) – Maria's university has committed space for an SAS – yay! **Action Maria:** Form a planning team (e.g., Christina, Georgi, Vittorio, Barbara?, and Ricardo Miguel, a new Portuguese SICSA student) to lay out goals, structure, and schedule for the SAS; email this plan to the members in February; and present it at our next telecon.

IAC Dubai (11-16 October) – Call for abstracts is open with end-of-February deadline; selection occurs on 26 March in Paris. Going forward, we will try to keep the extra half-session (E5.1b) we were granted for IAC WDC this year. **Action Olga:** discuss with Geoff to set this up so we can choose up to 18 talks.

- In Bremen, we had discussed the possibility of an SAS for Dubai; the negative is “spreading ourselves too thin” shortly after Lisbon; the positive is that the main purpose of an SAS is outreach to young professionals, so there may be interest for this in the Middle East in addition to Western Europe. In addition, we may have the opportunity to increase our visibility throughout conference by partnering somehow with ITTACUS (the IAA committee for culture, which is currently led by Bernard Foing). **Action Hatem:** Form a planning team to consider possibilities (in addition to an architecture tour and the desert stargazing excursion); hold a telecon in January; email conclusions to the members in February; and present it at our next telecon. To the degree that senior professionals can help the team get traction with local officials, feel free to coordinate with Bernard (for ITTACUS) and Brent (for SATC).

ASCEND (Las Vegas, 15-18 November) – ASCEND is the new AIAA event model, a major conference that will occur each November in Las Vegas. For SATC, this is a prime, new opportunity, and we are invited to make SA a major theme. Brent held a telecon on 12/20 with Nathan Boles to learn details.

- There are three major topic areas: near-term commercialization, long-term human exploration and settlement, and national security/policy/legal/science. Clearly we can contribute a lot, especially to the first two areas.
- There are three types of sessions: Macro (plenaries), Meta (100-500 in audience, like the former Forum 360s), Micro (≤100 people in audience) for papers and tutorials in technical and entrepreneurial subjects.
- The Call for Content solicits Individual (technical papers about both results and work-in-progress, and case studies) and Engagement proposals to develop a themed session. The model is flexible about what a session can comprise. Proposals are due on 3/17/20.
- For 2020, ScholarOne will be used again for abstract and manuscript submittals, so again there will be no peer review before the conference.

Michel Lacerda, Matt Simon, and Sam Wald are our POCs for AIAA meetings. **Action Michel:** Please confirm your willingness to be our “Admin” (AIAA's term) for ASCEND; then form a team (e.g., Suzi Bianco, Brand, Matt, Sam) to “lead the administration” of space architecture topics at ASCEND; hold a telecon in January to consider strategies for engaging with Individual and Engagement proposals for papers and sessions; email the plan to our members, and present it at our next telecon.

SATC F2F meeting 11/15, Sunday afternoon/evening before the conference starts.

- Our primary F2F SATC committee meeting will be Sunday 15 Nov in Las Vegas. Part of the ASCEND model is that all TCs will meet that afternoon/evening, before the conference. **Action all members:** Please make plans to attend.
- The planning teams will meet on Thursday 19 Nov, after the conference, for a roundup of lessons learned.

IT Subcommittee

No report. Subsequent to the telecon, there was some email traffic: 1) recommendation to renew LunarPages as our ISP for six months, to assure full testing on a new host before changing over the domain name; 2) recommendation to use InMotion as our new ISP. **Action François:** Email the members a written summary of status, along with the IT upgrade plan. The priorities remain: 1) move to a new ISP host (Vittorio), 2) complete and implement the new design (Tomas), 3) make and keep the content current. Key functionality needs to include a “FISO-like capability” to archive video/audio replays of a seminar series.

Awards Subcommittee

Emanuel drafted, and Brent edited and submitted to AIAA SMG (Mark Whorton) last week, our proposal for 2020 funds for our annual Best Paper cash awards. However, based on guidance from Emily Springer, we proposed to wean ourselves off SMG funding going forward. Emanuel noted via email that he may have a potential award sponsor lining up. Brand suggested that it may be easier to get a significant corporate sponsorship donation that could last for multiple years, than to get smaller sponsorships. From conference sponsorships, it is evident that corporate resources can be had.

- **Action Emanuel:** Proceed per the Awards plan. Last year’s session chairs all have the action to submit their nominated papers.
- **Action Christina:** Form a Sponsorship Subcommittee, hold a telecon in January, write and implement a sponsorship plan that covers guidelines, uses (not just Best Paper cash awards, but also seminars, SASs, and design competitions), prospects (corporations and foundations), contact assignments, etc. Present this plan at our next telecon.

Standards Subcommittee

No report. **Action Ondrej:** Email the members a written summary of status.

Membership Subcommittee

Eleven candidates applied. Marc said yes to all. Added to our current membership of 46, this would exceed the total allowable (50) by seven. However, many members on the roster are listed by AIAA as not current AIAA members; and we have many inactive members. **Action Marc:** Convene the Membership Subcommittee, close with the delinquent members to confirm their AIAA status, reconcile our roster for 2020, and provide me a revised version of Emily Springer’s spreadsheet by mid-January (in time for our Annual Report to AIAA).

Courses

AIAA invites TCs to develop and teach professional-development courses for 2021; both in-person (e.g., at SciTech) and online. They pay an honorarium to the “professor”. Typical courses are 16 hr total, 2 hr/wk, with a minimum of 10-12 students, usually aerospace engineers sponsored by their employer. Brand tracked this one down by talking with Jason Cole at AIAA. This could be another opportunity for us to educate the aerospace industry about issues unique to SA, and the value of space architects to solve them. Several of our members have work in academia (Olga, Sandra, Michael Fox, Barbara) and could market a course through those affiliations, although the best target demographic for SA outreach would be non-architecture-connected students. **Action all members:** Consider whether you would be willing to build and deliver such a course; coordinate with Brand if so.

Annual Report

Upcoming, due by 30 January. Brent and Olga already provided a requested brief preview summary to Mark Whorton a few weeks ago. **Action Brent:** prepare the full report.

Next telecon

Not sooner than + 2 months from this one, thus sometime in the weeks between 24 Feb – 13 Mar, 2020. We will endeavor to capture as many members as possible. **Action Olga:** Conduct a poll soon, so we can contact those who don’t respond to follow up, and provide this information to Marc for the Membership action above.