

Meeting Minutes

SATC Telecon, 27th February 2015

meeting A: 17:00 UTC

meeting B: 21:00 UTC

Chair: Ondřej Doule

Vice-chair: David Wong

Attendance:

Current total of SATC members: 38

Invited: all

Participating members (34%): 13, individually (In) 1, excused (E) 3

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|---------------------------------|--------------------------------|
| ✓ Anton Andonov (I) | Abhishek Jain (R) |
| Payam Bahrami (I) | Mark Kerr (R) |
| ✓ Olga Bannova (R) | Shahzad Khaligh (R) |
| Donald Barker (R) | François Lévy (R) |
| Annette Barnes (R) | ✓ Sungwoo Lim (I) |
| Christian Carpenter (R) | ✓ Renée Matossian (R) |
| ✓ Marc Cohen (R) | David Nixon (R) |
| Silvano Colombano (R) | Kursad Ozdemir (I) |
| ✓ Ondřej Doule (I) | ✓ Regina Peldszus (I) |
| E Maria João Durão (I) | ✓ Georgi Petrov (R) |
| Michael Fox (R) | Emanuel Pimenta (R) |
| E Shai Gerner (I) | Brian Pitchford (R) |
| John Gulliford (R) | ✓ Raúl Pólit Casillas (I) |
| In Patrick Harkness (I) | Tomáš Rousek (I) |
| E Sandra Häuplik-Meusburger (I) | ✓ Brent Sherwood (R) |
| ✓ A. Scott Howe (R) | Jackelyne Silva-Martinez (R) |
| Ogbonnaya Iheukwumere (I) | ✓ Matthew Simon (R) |
| Barbara Imhof (I) | Frederick Slane (R) SACS chair |
| Rohan Jaguste (I) | ✓ David Wong (I) |

Introduction / Strategic Development:

OD (Ondrej Doule): Announcement, SATC

Subcommittee (SC) Reports:

Awards SC

Renée Matossian (RM): We had got in touch with David Akin, SATC best paper award 2014 recipient. He was contacted and he was very pleased. He will be awarded the prize in the future. Runner up was by Doule, and Imhof. We are intending to give rewards also next year – final decision by December. We are adjusting criteria for evaluation. Award suggested is \$ 100 price.

Student paper price is being discussed and prepared six months at the end of school year. We will review during summer. Currently we do not have funds.

RM note: "Although the winner of the "best paper" award was summarized in the last SATC meeting notes, the winning paper was determined just shortly after the last telecom.

It is our intent to initiate the "best student paper" prize this year (w/ papers due in June, award announced towards end of summer), but we would like to be able to provide a monetary prize, as with the professional award.

There were also suggestions from SATC "best paper" reviewers as to how to improve the specified judging criteria, so those will be reviewed / edited before judging for the student prize occurs."

Construction SC:

Raul Casillas (RC): We had busy past months. Two google docs are open – captioning requirements and we would like to see the book happening and we are collecting abstracts from interested members.

We would like to expand the co-authors community. Some other members from other technical committees and industry would like to contribute.

Education SC:

Olga Bannova (OB): We are considering students competition.

Matthew Simon (MS): The competition idea is coming from Colonization subcommittee. We are connected.

Habitation SC:

No update

Membership SC:

Marc Cohen (MC): I revised proposal for the International Space Architecture Symposium (ISAS) and I revised also the memberships. I send out revision with corrections. Committee should be updated fully now.

MC: It is important to point out that we are very international subcommittee; it should be highlighted and presented.

MC: We are going to monitor activities such as participation.

RM: Suggestion to record also publication in peer reviewed activities.

MC: There was this suggestion in the past and we did it. We could use this data statistically to see who is active and who not and who should be included in the committee.

MC: The main tasks we need to accomplish are to agree on the Symposium Theme and notional budget. We can ask the ICES International Committee to create additional tickets as options in the registration package to pay for any additional expenses. I assume that we can rely on Barbara and Sandra to arrange workshop meeting space at TU-Wien.

We will need our members to start signing up to serve as session chairs, workshop organizers and leaders, and as the conference chairs.

Outreach SC:

David Wong (DW): the main activity is the Orbit: part of the new Orbit is interview with Dr. Howe. Orbit will be available in March. We are in process of updating members profiles in coming months on the website. FB is going well.

At the moment we are looking at optimizing our webhosting and the cost. It seems that we could save funds on getting less costly service.

Terrestrial SC:

- No updates

Treasurer's Report

DW : we are reviewing web hosting

Account of SATC - we don't have outgoing and income. SATC funds or stored in the AIAA account. We do not have access to it directly.

Account spacearchitect.org is separate and pays for webhosting and maintenance of the web. We have to look into how to use funds for competitions etc.

Scott Howe (SH): Will continue to discuss the bank accounting offline.

Ondrej Doule (OD): Transformation to corporate account is planned.

SH: Employee number we have currently. Current account is linked to social security numbers. We need to get rid of it.

AIAA SPACE

Matthew Simon (MS): Abstract deadline is closed : we are combined session.

We got 35 papers, 3 – 4 reviewers. Due is March 2nd. We will make sure all gets done not too late. We should have 5 reviewers

ICES

MC: we have 11-12 papers. First papers are due March third.

IAC

OB: space and society symposium, space architecture session, we have 3 papers and we may have more later. The location is challenging. I already looked through other sessions and I see that number of papers should be located in our session since they are related to space architecture. We have same sessions as last year in Toronto. We will have one session. Space art session has already 9 papers. I consider it very much related to space architecture.

Regina Pledszus (RP): I am rapporteur – it will be challenge in terms of securing funding to get there. We want to wait until the end of March to see how many papers we will have.

OB: we need to think about IAC 2016 in Mexico and I hope we will have better participation. We need to re-define SA sessions – more attractive for better papers.

ISAS

MC: ICES committee picked Vienna , we don't know venue yet but it will be probably costly, so we should start looking for affordable management and logistics.

MC- we need to find the theme

- Space Architecture in New Space Era – this did not get much attention because its buzz for commercial, so I revised it “SA and new exploration goals” according to Obama’s new goals. Since Russia and China did statements regarding sending humans to the moon. Space settlements as a goal has been also mentioned, on moon , mars or orbit... new space commercial human spaceflight...

Brent Sherwood (BS) – I do not know how it focuses – do we need organizing theme?

MC – it's just to make it more attractive and point out the current questions or streams in SA.

BS – In terms of grand sweep this will be third decadal get together

MC – we agreed to have it every 5 years

BS – it's like 15 year project – I think one angle what is it about ICES host environment that is different than where we were before? Or what is it what we want to produce? Symposium should be more significant than just session. In past the outcome was a book. The outcome should be the theme of the topic.

MC – volume 2 could be planned deliverable

OD - it could be outcome of the new exploration goals

MC – I would say that initially we were lonely voice, NASA was just starting to build space station and no one was talking about going beyond LEO. So what changed was that world is catching up with us. Long duration travel matters.

BS – I agree – in past NASA was not allowed to use Mars in connection to exploration. In mid 2000 in regards to exploration no Mars. And now we can't say Moon. So it is destination battle. Then orthogonal is the concept of settlements. In 2006 there was summit where we were prohibited to use term settlement. So there IS sort of catching up of what we were publishing and what we need to live in space: Space Architecture: New World – space architecture is providing solutions to new worlds. There is new theme that means OK to talk about settlements and there was no other community that talks about settlements than ours

MC – we are on the right track – we can blow horn and say we talk about it

BS - we actually published papers about it - the term "exploration" does not work. Lets brainstorm the theme title:

- Foundation
- New world
- Stepping stones
- Human
- Key
- Space architecture and new foundation in space
- New World for human spaceflight
- New foundations for humans in space
- **Space Architecture: Humans on New Worlds** (ed: chosen theme title)

MC: Who should be on the committee: Mark Kerr and Sandra. And possibly Barbara Imhof will be interested in workshops GP.

Georgi Petrov (GP): I volunteer

BS: IAF has program committee and local organizing committee. Program Committee holds structure and Local Committee takes care of logistics.

PROPOSAL:

ISAS program local and program committee
GP, SH, BI, MK, MC

MC : Sandra has already offered to coordinate the activity at TU Vienna. Plenary speakers?

MC: discussion of organization: ISAS will be under ICES and there will have to be independent way to purchase ticket for ISAS only.

Action Items (Completed items to be deleted in next year's minutes)

Reg. No.	Item	Management assigned to:	Due Date:	Status:
	Initiate list of colleges including description of their program, include Marc Cohen's draft publish on website	EDU SC, OUT SC	-	Not started
	ICES 2015	SHM, SH		
	ICES SAS 2016	MC et al.		
	IAC 2015	JS, OB		
	AIAA SPACE 2015	MS		
	Annual Report	OD	31-Dec-2015	Not started
	Call for ICES2016 session chair	TBD	-	TBD
	Call for SPACE2016 session chair	TBD	-	TBD
	Call for IAC2016 session chair	TBD	-	TBD
	SATC / SpaceArchitect.org website update and improvements	OUT SC	-	In progress
	Input for 3 rd SA Brochure update requested	all	June 2015	Not started
2014-09	3 rd SA Brochure update requested	OB, MC (template with OD)	July 2015	Not started
2014-07	Virtual habitat – volunteers needed	MS, JS	-	In progress
2014-05	UIRA + Aliter III outreach event	OB, EM	-	In progress
2014-06	Funding options	OD	-	NSF – under development

2014-12	SATC 2014 "Best Paper" Certificate of Merit.	RM, all	31-Dec-2014	In progress
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Next Meeting

- Next committee meeting: **April 17th**
- Minutes submitted by: Ondřej Doule, David Wong
- Minutes reviewed / approved by all participants by **March 25, 2015**
- Action items updated on **March 15 2015**
- Minutes distributed to members(at)spacearchitect.org by **March 30, 2015.**