

## Meeting Minutes

### SATC Telecon, 5th December 2014

meeting A: 17:00 UTC

meeting B: 21:00 UTC

Chair: Ondřej Doule

Vice-chair: David Wong

#### **Attendance:**

Current total of SATC members: 37

Invited: all

Participating members: 13, individually (In) 0, excused (E) 5

Anton Andonov (I)	Abhishek Jain (R)
Payam Bahrami (I)	E Mark Kerr (R)
✓ Olga Bannova (R)	Shahzad Khaligh (R)
E 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)	E Regina Peldszus (I)
E Maria João Durão (I)	✓ Georgi Petrov (R)
Michael Fox (R)	Emanuel Pimenta (R)
Shai Gerner (I)	Brian Pitchford (R)
John Gulliford (R)	✓ Raúl Pólit Casillas (I)
Patrick Harkness (I)	✓ Tomáš Rousek (I)
✓ Sandra Häuplik-Meusburger (I)	E Brent Sherwood (R)
✓ A. Scott Howe (R)	✓ Jackelynne Silva-Martinez (R)
Ogbonnaya Iheukwumere (I)	Matthew Simon (R)
Barbara Imhof (I)	(Frederick Slane (R) SACS)
Rohan Jaguste (I)	✓ David Wong (I)

## Introduction / Strategic Development:

OD (Ondrej Doule): Announcement, SATC poll results and strategy development/ about SATC members interests, scope, and resources

RM (René Matossian): Possibly we should send out another poll asking about resource commitments from our members, “Do you want to (and are you able to) invest more resources (time and/or money) to support increased SATC activities?”

TR (Tomáš Rousek): I think it is reasonable to contribute to Spacearchitect.org a little more to be able to do more. The web maintenance costs a couple of hundred pounds per year, it is inevitable. This year A-ETC silently sponsored it.

SH (Sandra Häuplik-Meusburger): If we talk about resources and where to use it we need to batch it / plan it – anyone is welcome to propose where to invest what project should be done, who would be in charge etc.

GP (Georgi Petrov): Most of us are here to volunteer – possible funds should enable to perform, organize activities.

OD: AIAA may provide funds for Educational and Outreach activities. Draft your proposals and/or discuss your ideas / send me your suggestions, white papers.

SH: Number of topics are in hand: fund competition, book, publishing...

TR: Is commercial sponsorships possible ...?

OD: Yes for spacearchitect.org / possibly for SATC as well – there should be agreement in place first.

SH: Out of this world is a great book and AD now provided great inputs as well. We should follow up on that.

OD: Note that Out of this world is AIAA product while AD is not and it is purely commercial endeavor.

MC (Marc Cohen): If you want support from AIAA, then you have to ask AIAA in time very early in advance i.e. 8 months in advance... we had to spend our own money to secure our own venue in San Jose in 2006 when organizing Space Architecture Symposium. I sent draft of the white paper, please look at it.

SC (Silvano Colombano): It is good to be reminded about resources and organization; we are again considering the book idea.

## Subcommittee (SC) Reports

### Awards SC:

- Best paper award – almost 12 submitted, nicely distributed from amongst conferences.
- We need additional time for reviewers (+ 1-2 weeks).
- Next week we will announce the award (editor: winner announced 17th Dec)
- It will be best paper “certificate of merit” award.
- We are considering starting a separate paper pool for student papers (nominate papers in spring, at end of academic year, for May-June review & award selection). So professionals award in the fall/ student award in the spring.
- Would like to be able to provide the \$100 stipend for student paper award too (since \$100 in cash typically means more to students than professionals). Can we raise these additional funds through slightly-increased SATC membership donations? Have SATC vote on this, Spring, 2015?)

### Construction SC:

- GP : Preparation of the book is ongoing.
- RP: We have two sites for two documents (two documents developed one for meetings and one for the actual book on Google docs), Space Construction book efforts are ongoing.
- We are having 1-2 meetings per month now – next year at least 3 meetings per month if time allows.

### Education SC:

- SH : We are continuing work on an education book.
- Preparing list of information that we can put on website regarding space architecture universities in EU, US and Asia list of schools offering space architecture program and little bit of evaluation / abstract about the university.
- I will send out list so anyone can contribute
- OD: Lets draft a list without critical, biased descriptions, keeping only informative data regarding scope.
  
- GP: It should be critical but unbiased list.
- OB : Rough draft submitted in October and by May we would like to finish it. We have regular meetings with Sandra. We will be sending requests for updates to all members.
- MC: I do have chart of universities and I kept it updated for couple of years. The list should be kept updated.
- MC: Some university points of contact:
  - Jim Polshiak - Colombia
  - Jean Hunter – Hawaii
  - Madhu Thangavelu – California

### Habitation SC:

- SH: ICES conference papers are being collected. I have asked members to review the abstracts.
- GP : We are the only one who does it and we are doing it for few years.

### Membership SC:

- MC: First we still need to update the list of members on our website, as well as formatting.
- We have imbalance between international and regular members (more regular members slots available). We need to keep the regular slots open for those who cannot be regular members.

#### Outreach SC:

- TR: met in person with David in London, and corresponding with Marc Cohen regarding website update. We are updating members profile, resources and publications pages for Spacearchitect.org – we will keep implementing the changes over the next year – a lot of work is involved.
- We are looking for possible collaboration, public etc. – possibly start a new section of the website where other members could connect : i.e. public challenges, for Mars settlement, colony etc. so we would have more relevant information. Also applicable on FB.
- If we have more projects to present on website it would be greater - while preparing the books about space architecture.
- TR: we also need funds for programmers if we need to implement changes / so bigger contribution would be better.
- David Wong (DW): We have been collecting up-to-date bio and contact information from our members. The member profile page on spacearchitect.org has been updated with the most current information available. The member profile page still features a mix of current and former SATC members and it is our intention to reformat the page to provide better clarity and more distinctions towards our current members.

#### Terrestrial SC:

- No updates

#### **Collaborative opportunities:**

OD: SATC has been invited for consultancy role in large NSF grant proposal led by Prof. Don Flournoy of Ohio University. It has received permission to step into the PI role for the NSF STC pre-proposal. . This will make OU the prime and IUPUI (Indiana University-Purdue University Indianapolis) that was leading the project until now as one of the subcontractors.

#### **Project summary:**

##### **Advanced Energy Solutions for the Re-industrialization of Contaminated Sites**

Project Summary for NSF STC Integrative Partnership FOA: 14-600

NSF Divisions: Directorates for Engineering, Computer & Information Science, and Education & Human Resources.

Key Words: Energy, Re-industrialization, Education

**Overview excerpt:** The focus of this new NSF Center will be to research, design, create, and demonstrate clean energy solutions for the powering of environmental remediation in such contaminated sites as the DOE Gaseous Diffusion Plant in Piketon, Ohio...

Those SATC members interested in this opportunity please contact me individually I will provide you with the whole project abstract. Members involved in consultancy (approx. once – twice a year remotely) will be provided travel budget to AIAA conference.

The project has not been submitted yet for evaluation so it's a long term effort.

#### **Conference Activities Updates**

- no update

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

Item	Management assigned to:	Due Date:	Status:
2 <sup>nd</sup> SA Brochure update	OD	30-May-2014	Completed
Fix the PayPal button on spacearchitect.org website	DW, TR, TWH, ASH	ASAP	Completed
Website maintenance – strategy and workforce	DW	ASAP	Completed
AIAA SATC LOGO	DW	15-June-2014	Completed
Space Forum stage for 30 minutes project August 4-7	SL	20-June-2014	Completed
Send an email request for how many SATC members are attending Space Forum 2014	OD	-	Completed
Input for brochure, book update	OB, all SC	-	Completed
Annual Report	OD	31-Dec-2014	In progress
Call for ICES2015 session chair	DW	-	Completed (SHM, SH)
SATC / SpaceArchitect.org website update and improvements	DW/TR	-	In progress
3 <sup>rd</sup> SA Brochure update requested	OB, MC	2015	Not started will be launched in 2015
Virtual habitat – volunteers needed	MS, JS	-	In progress
UIRA + Aliter III outreach event	OB, EM	-	In progress
Funding options	OD	-	NSF – under development
SATC 2014 "Best Paper" Certificate of Merit.	RM, all	31-Dec-2014	Completed
Compilation, review & distribution of the list of Space Architecture courses & educational workshops	SH	December 2014	In progress

**Next Meeting**

- Next committee meeting: **by the end of February**
- Minutes submitted by: Ondřej Doule, David Wong
- Minutes reviewed / approved by all participants by **19th December, 2014**
- Action items updated on **12th December, 2014**
- Minutes distributed to members(at)spacearchitect.org by **12th December, 2014**