

AIAA Space Architecture Technical Committee on-line meeting

12 May 2023 10:00AM (CST) 5:00PM (CET)

<https://www.worldtimebuddy.com/?qm=1&lid=12,6&h=12&date=2023-2-26&sln=17-18&hf=0>

Join Zoom Meeting

<https://tuwien.zoom.us/j/68095873157>

How to connect:

Mailinglist of the SATC Committee: satc@spacearchitect.org

Mailinglist for all members to spacearchitect.org: members@spacearchitect.org

Chairs of this meeting

Sandra Haeuplik-Meusburger

Meeting Notes: Georgi Petrov

Participants (no particular order):

Brand Griffin
Marta Rossi
Keith Crisman
David Wong
Paolo Caratelli
Ted Hall
Amit Srivastava
Marlies Arnhof
Rowda Hanif
Milomir Milenkovic
Maria Durao
Alfredo Munoz
Adam Oswald
Bill O'Hara
Alma Kugic
Mahsa Esfand
Olga Bannova
Sam Ximenes
Patrick Harkness
Tara Bisharat
Mike Skeen
Valentina Sumini
Jackelynne de Sylva
Robert Howard
Vittorio Netti

MEETING AGENDA

Opening comments (5 min)

Welcome and approving the agenda (Sandra)

Welcome to new members (15min)

Ted Hall
 Robert Howard
 Milomir Vincent Milenkovic
 William O'Hara
 Adam Oswald
 Marta Rossi
 Amit Srivastava

Subcommittees - Reports (40 mins) by the chairs

- **MEMBERSHIP SC (chair: Alfredo Munoz)**
No members
 - Introduction to Membership requirements- to be sent out to everyone.

SATC members must keep up their AIAA membership.

Must be active in SATC – participate in at least two subcommittees or activities and attend regular meetings

Active TC Member Expectations (1 of 2)

- TC Members must be AIAA members
 - i.e., annual membership dues must be fully paid
- Stay in Communication:
 - Attend TC and subcommittee meetings
 - Notify TC and subcommittee chairs if you are unable to attend
 - Notify TC Secretary of changes in phone, email, organization
 - Attend the conference(s) your TC supports
 - Be responsive to TC leadership communications
- Be an advocate and champion for AIAA within your own organization!

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Active TC Member Expectations (2 of 2)

- Participate and contribute substantively:
 - In any combination of two subcommittees/working groups or conferences
 - Be a major contributor/leader of at least one of these activities
 - TC members "in name only" will be at risk of losing their membership spot in favor of active members
- Examples of substantive contributions include serving as:
 - Forum Technical Chair or Deputy Chair (or equivalent for AIAA co-sponsored conferences)
 - Conference Session Chair (or equivalent for AIAA co-sponsored conferences)
 - Abstract Reviewer
 - Paper Reviewer for Best Paper/Student Awards
 - Contributor to Aerospace America Highlights article
 - Contributor to TC products (e.g., standards, policy and position papers)
 - Liaison to other organizations (e.g., other AIAA TCs/ICs, other professional societies)
- When the opportunity arises:
 - Submit nominations for new TC members
 - Submit nominations for awards and member grade elevations

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- **AWARDS SC (chair: Thomas Lagarde, Marlies Arnhof, Alma Kugic)**

No members

- Best Paper Awards: update on the review and evaluation process of current paper selection
 - > Description for the website
- Gordon Woodcock Award: update

Text for website is ready to upload. Picture for website to be chosen.

Set up a follow SC meeting to finalize process for this year.

Chair meeting to be held on 18th of May.

- New Award (Sandra Haeuplik-Meusburger)

“Most Notable Space Architecture Design Project of the Year” – Initiators: Sandra Haeuplik-Meusburger and Marc Cohen

A proposal for 2024

- Parabolic Flight Opportunity awarded (Sandra Häuplik-Meusburger)
 - Anastasia Proxima was awarded

Will be advertised on the website in June.

- **EDUCATION SC (chair: Valentina Sumini, Olga Bannova, Matt Simon)**

Members: Troy Cole, Paolo Caratelli, Mahsa Esfand, Ariel Ekblaw, Keith Crisman, Rowdha Hanif, Marta Rossi

Description and Goals for 2023: update

- new Mentorship program of SATC (Troy) – *no update*
Updated lists of PHD programs in space architecture (Mahsa and Alma) - *Alma to structure the draft list of PhD programs and send out to the SATC for comment.*
- Virtual Online Experience for our website – idea (Valentina) – *Valentina will prepare a concept and talk to possible people involved from the committee, needs to talk with the Exhibitions Committee*

- **EXHIBITIONS (chair: Maria Durao)**

Members: Antonia Sattler, Brand Griffin, Christina Ciardullo, David Wong, Marlies Arnhof, Matthew Kim Kyung, Olga Bannova, Paolo Caratelli, Sandra Haeuplik-Meusburger, Vittorio Netti, Amit Srivastava

Maria to send email with a call for drawings for Virtual Exhibition

- **PODCAST SC (chair: Tara Bisharat)**

Members: Marta Rossi

Links: https://www.youtube.com/@space_architecture
<https://www.youtube.com/@fromtheoutpost>

Description and Goals for 2023: update

- New episodes update:
 - **New Episode Released: SMOPS:** https://youtu.be/AofOk2N6n_M
 - **New Episode coming up for May**
- Proposing idea for a recurring show to engage members, details to be discussed during the meeting.
 - **From the Outpost/Future Files Edition Stream announced to all members**

Future Files is a live show (or pre-recorded but appears live) to discuss research publications in a fun setting and end the episode with a discussion on the latest space news.

- Call open for research papers/SATC authors to come on the show.
 - Booking of authors through the Podcast calendar:
Link to calendar: [Podcast Calendar Research](#)
 - Looking for the FTO/Future Files live show producer.
 - Details to be discussed during the meeting.
- **Domain From the Outpost acquired: [Fromtheoutpost.com](#)**
 - Requesting permission to embed links to SATC/SpaceArch.org information on website.
 - **SATC YouTube Channel**
 - Curating / collecting Space Architecture Videos from latest conferences, events, and past podcasts on the website
 - Logo and information updated.
 - Requesting Channels by members to be added to SATC channel playlist
 - Discuss with wider members opportunities to livestream events on the channel as part of the continued outreach.
 - **General:**
Always open to and looking for collaboration with members (on a project basis or recurring). Please reach out to tarabisharat@gmail.com for feedback, input, ideas, or to be involved.

Amit Srivstava volunteer for helping on podcast committee

New member: Marta Rossi

- **IT, WEB support, Online Content (chair: David Wong, co-chair: Vittorio Netti)**

Members:

- Update website activities and email administration (David)
- Website for SATC specific activities, more general news via Facebook and Instagram
- Updated project gallery and guide how to submit – every year (Vittorio)
- Summary page for SAS IAC in Paris (David, Kim, Thomas)
- *The subcommittee requires help from more members. Any new helpers should know html, wordpress, css.*

New call for projects is out now. <https://forms.gle/zbyzVPDQ9qmSzqhm7>

Please reach out to the SC with any corrections or edits of existing projects.

archv.netti@gmail.com

Working group to form to help suggest content updates to the website.

Alma, Marta, Milomir, Georgi

Reminder to be sent about the SAS2022 summary.

Experiment on integrating the bibliography better into the main website.

- **SOCIAL MEDIA (chair: Monika Lepinska) co-chair: Alma Kugic**

- Update Instagram activities: Monika Lipinska, Alma Kugic, Rowdha Hanif
- Update Facebook activities: Barbara Imhof, David Wong, Sandra Häuplik-Meusburger
- Other ...
- <https://www.instagram.com/spacearchitect/>
- <https://www.facebook.com/SpaceArchitect.org>
- *tag Space architecture content with @spacearchitect*
- *Have set up a calendar of posting and monthly schedule of who is posting on Instagram.*

- **OUTREACH and SPONSORSHIP** (chair: Christina Ciardullo)
Members: vacant

Description and Goals for 2024: update

- PR activities parabolic flight campaign
- PR activities Gordon Woodcock Award

No update

Gordon Woodcock Award shall be presented at ASCEND

Activities, conferences and meetings in 2023 (15 min)

- **IAC23:** Baku , 2-6 October, 2023, Baku, Azerbaijan
<https://www.iac2023.org/>
Two sessions organized by SATC
 - Session E5.1 Space Architecture (Olga, Barbara, Anne-Marlene)
 - Session E5.6 Space Habitats (Julie, Sandra, Barbara)

Issues registering for conference. Contact Olga for sharing help.
E5.6 has seven papers
E5.1 has nine papers
- **ASCEND 23** (Chairs: Melodie Yashar)
 - Update on preparations for 2023
 - New session

SATC is organizing one panel.
Sessions organized by subject not by profession.
23 October - 25 October 2023 Las Vegas, Nevada
- **ICES 23** (Chairs: Ann-Marlene Ruede, Adam Oswald, Mahsa Esfandabi , Georgi Petrov, Sandra Haeuplik-Meusburger)
 - Report for ICES 2023: 16-20 July 2023, Calgary

This year there will be 16 papers
Final papers due 15th of May
- **AIAA Event Section Meeting - AIAA Los Angeles-Las Vegas Section:**
Organizers: Alma Kugic and Sandra Häuplik-Meusburger in collaboration with Madhu.
<http://spacearchitect.org/event-summary-2023-space-architecture-gathering/>

Summary and video recording is available on the website.
The plan is to hold this event twice a year.
Volunteers for next time are welcome
- **Year-in-Review Article for Aerospace America, 2023** (Barbara Imhof, Maria Joao, Ted Hall)
 - Collecting news over the year

Length is between 450-600 words. One- three images.
Due in late August / early September.

Activities, conferences and meetings, upcoming 2024

- SCI-TECH Forum, 8-12 January Orlando, FL (Melodie Yashar, Daniel Inocente)
 - Abstract Deadline May 25 *No update*
- SAS06 – 2024 In Milano. *Was not discussed due to time. The save-the-date for Saturday 18.October.2024*
- **Second International Symposium on Off-Earth Construction (ISOC-2 2023)** on Friday 19 October 2023 at the Adelaide Convention Centre, Adelaide, Australia.
 - There will be a virtual option for overseas attendance. The event is officially organized by the Australian Society for Off-Earth Construction (ASOC).
 - <https://set.adelaide.edu.au/atcsr/australian-society-for-off-earth-construction>
 - Introduced at the meeting by Amit Srivastava

New business and ideas (10 min)

- 2025 will be the semicentennial of the 1975 NASA-Stanford Space Settlements summer study - SATC discussion? Marlies and Olga, to follow up with Ted and David for ideas – *no update*

New workgroup: Knowledge management for SATC, proposed by Marlies Arnhof

New workinggroup / committee: Professional Certification for Space Architecture, proposed by Brand Griffin

Go around the room (10 min)

Next Meeting: SEPTEMBER 2023