

AIAA Space Architecture Technical Committee on-line meeting

7 December 2022 11:00AM (CDT) 6:00PM (CEST)

<https://www.worldtimebuddy.com/?qm=1&lid=12,2761369,6&h=6&date=2022-9-7&sln=11-12&hf=1>

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Participants (no particular order):

Sandra Häuplik-Meusburger

Georgi Petrov

Marlies Arnhof

Rowdha Begam

Paolo Caratelli

David Wong

Alma Kugic

Alfredo Munoz

Olga Banova

Monika Lipinska

Valentina Sumini

Keith Crisman

Tara Bisharat

Anne-Marlene Rüede

Not Available: Brand Griffin

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

MEETING AGENDA

Opening comments (5 min)

Welcome and approving the agenda (Sandra)

Subcommittees - Reports (40 mins) by the chairs

- **MEMBERSHIP SC (chair: Alfredo Munoz)**

No members

- Update Membership requirements
- Selection for new members in progress

*Notes: 18 applications this year. Maximum members is set by AIAA at 50.
11 applications are appropriate for the SATC.*

Georgi to send out presentation about definition of active member.

Alfredo to follow up with members whose AIAA membership has expired.

Everyone please respond to Sandra's email listing activities related to SATC in the past year.

- **AWARDS SC (chair: Thomas Lagarde)**

co-chairs: Marlies Arnhof and Alma Kugic

No members

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

Notes: Need description of best papers award and procedure for application and award to be uploaded to website. Marlies, Alma coordinate with Thomas to work on a draft.

<http://spacearchitect.org/awards/>

- **EDUCATION SC (chair: Matt Simon)**

Co-chair: Valentina Sumini

Members: Troy Cole, Paolo Caratelli, Mahsa Esfand, Ariel Ekblaw, Valentina Sumini, Keith Crisman, Olga Bannova, Rowdha Hanif

Description and Goals for 2022: update

- new Mentorship program of SATC (Troy)
- Access for SATC members to parabolic flights (Ariel)
- Updated lists of PHD programs in space architecture (Mahsa and Alma)

Notes:

Valentina brings up idea to bring a virtual online experience to our website. The sub-committee should meet and develop the ideas further for the next meeting.

Sandra and Olga are following up with Ariel – ongoing.

List of PhD programs is being compiled. To be shared on website.

- **PODCAST SC (chair: Tara Bisharat)**
Members: channel moderators wanted
Link: https://www.youtube.com/@space_architecture

SATC YOUTUBE channel (on top) provides places for smaller channels.

First channel: [From the outpost](#) – channel moderated by Tara Bisharat. Conversations with scientists, researchers, and others about topics related to Space / Space Architecture.

Target is an episode every 1-2 months for 2023. Below are the list of upcoming episodes and guests. Episodes currently under editing to be released soon. Ariel Ekblaw: Space Colonization and Self-Assembling Space Mega structures

December SMOPS: Space Medicine Operations, analog mission, conversation behind the scenes.

January Jonathan Jiang., NASA JPL, Principal Scientist

Episode: Avoiding the Great Filter: Extraterrestrial Life and Human's Future in The universe.

February Dr. Brian Green, Director of Technology Ethics at Markkula Center for Applied Ethics and Author of Space Ethics

Episode: Ethics and Humanity moral decisions for Space arch

Episode: A Beacon in the Galaxy: Updated Arecibo Message for Potential FAST and SETI Projects

More dates/episodes to follow_

Please come up with ideas and concepts for either single podcasts (SAS, conferences) or regular podcasts.

Notes:

Paolo brings up a connection at NYU Abu Dhabi, to follow up with Tara.

- **EXHIBITIONS (chair: Maria Durao)**
Members: Antonia Sattler, Brand Griffin, Christina Ciardullo, David Wong, Marlies Arnhof, Matthew Kim Kyung, Olga Bannova, Paolo Caratelli, Sandra Hauplik-Meusburger, Vittorio Netti.

Description and Goals for 2022: update

- Online Exhibition Organization ongoing
- Publication in Journals, preliminary structure and content
- Survey of Exhibition Typologies: Art, Architecture, Drawing, Installation - ongoing

Notes: Idea to plan an exhibition in Milano for 2024 to coincide with IAC24. Rowdha and Paolo is also interested in helping to organize.

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

- Update website activities and email administration
- Website for SATC specific activities, more general news via Facebook and Instagram
- Updated project gallery

Notes:

Need to create a summary page for SAS/IAC. David to reach out to Kim, Monica and Georgi.

Vittorio is putting together a guide of how to submit project material.

Call for new project goes out every six months. Submitted projects shall be uploaded soon.

- **SOCIAL MEDIA** (chair: Monika Lepinska)

- Update Instagram activities: Monika Lipinska
- Update Facebook activities: Barbara Imhof, David Wong, Sandra Häuplik-Meusburger
- Other ...

Notes:

Excellent coverage of IAC/SAS.

Alma to join social media team.

No LinkedIn at this time.

- **SPONSORSHIP** (vacant, former chair: Christina Ciardullo)

Members: vacant

Notes: Will need sponsorship chair for SAS2024.

Activities, conferences and meetings in 2022 and upcoming 2023 (15 min)

- IAC 22, Session 6: Olga Bannova, Barbara Imhof, Anne-Marlene Ruede: review
Three Space Architecture sessions.
Session E5.1 Space Architecture - Sunday 18.September.
Session E5.6 Space Habitats - Thursday 22.September.
Session E5.3 Space Art - Tuesday 20.September.

- *IAC23: Baku update*

Notes:

2-6 October, 2023

Baku, Azerbaijan

<https://www.iac2023.org/>

Abstracts are due 28. February. 2023

Two sessions organized by SATC

- *Session E5.1 Space Architecture (Olga, Barbara, Anne-Marlene)*
- *Session E5.6 Space Habitats (Julie, Sandra, Barbara)*

- *Young professions and students can apply for grants to travel to IAC.*
 - *Education sub-committee to organize information and email the members.*

- SAS Paris Space Architecture Symposium (chair: Thomas Lagarde and Kim): review
No update. Description for the web site to be provided (plus videos?).

- ASCEND 22 (Chairs: Jasleen Kaur and Anastasia Prosina, former chair: Michel Lacerda)

- SATC sessions at Ascend 22 was cancelled, due to lack of chair
- Update on preparations for 23
Chair needed for 2023. SATC needs to propose a new session. Georgi to send an email to wider SATC for volunteers.

- ICES 22 (Chairs: Mahsa Esfandabi, Marlene Ruede, Adam Oswald, Georgi Petrov, Sandra Haeuplik-Meusburger)
 - Report from ICES 22 : 10-14 July 2022, Saint Paul, MN
 - Outlook for ICES 2023: 16-20 July 2023, Calgary

Notes:
26 abstracts received for this year.
The chairs will be reaching out for reviews in the next weeks.
- AIAA Event Section Meeting in spring 2023: co-organizers/moderators wanted
Notes:
AIAA LA section organizes this meeting where SATC members can present their work.
The event is planned for March 4 or April 15 with a tentative timing of starting at 8am PST ONLINE
Sandra Alma and Paolo to organize.
- Year-in-Review Article for Aerospace America, 2023 (Barbara Imhof, Maria Joao, Ted Hall)
 - Collecting news over the year
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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 – update
Notes:
No update

SAS06 – 2024 In Milano.

Go around the room (10 min)

- *Mars Society is re-starting crew missions at FMARS.*
- *Email delivery.*
 - *One can request to have emails sent one-by-one. Please request to David.*
- *Discourse*
 - <https://www.discourse.org/>
 - *David suggests this platform as an option for member communication. Will investigate more and report next meeting.*

Next Meeting: MARCH 2023