

# AIAA Space Architecture Technical Committee on-line meeting

**27 September 2024 (Friday) 12:00 (CST)**

Join Zoom Meeting

<https://som.zoom.us/j/97005964216>

## How to connect:

Mailinglist of the SATC Committee: [satc@spacearchitect.org](mailto:satc@spacearchitect.org)

Mailinglist for all members to spacearchitect.org: [members@spacearchitect.org](mailto:members@spacearchitect.org) (email automatically goes to SATC members, no need to send an email to both email addresses)

## Chairs of this meeting

Georgi Petrov

Melodie Yashar

## Participants (no particular order):

Adam Oswald  
Olga Bannova  
Marc Cohen  
Theodore Hall  
Paolo Caratelli  
Francois Levy  
Barbara Imhof  
Bill Hart  
Bill O'Hara  
Bonnie Dominguez  
Don Barker  
Avin Vijayachandran  
Mahsa Esfand

Amit Srivastav  
Lucy Aboonour  
Marlies Arnhof  
Alfredo Munoz  
Ester Gulasci  
Keith Crisman  
Christina Ciardullo  
Marta Rossi  
Sam Ximenes  
Jacky Silva-Martinez  
Don Barker  
Kim Kyunghwan  
Thomas Lagarde

## Guests:

Brent Sherwood  
Xavier de Castellier  
Madhu Thangavelu

## MEETING AGENDA

### DECadal SURVEY (Adam Oswald)

- Update from topic leaders.
- *Call for action for all SATC members to help: Request made by Adam and Georgi to contact committee chairs for contributing to writing the report*
- *Everyone to volunteer to help on a decadal topic. Please reach out to the topic leads and copy Adam and Georgi*
- *Don Barker suggests to add a measure of realism to all recommendations of the Decadal Survey*
  
- SAS2024
- *In Milano 19.October.2024. Program is ready.*
- <https://spacearchitect.org/sas-milan-2024/>

### Subcommittees - Reports by the chairs

- **MEMBERSHIP SC (chair: Alfredo Munoz)**  
**No members**  
*AIAA membership applications open until mid October*  
*Alfredo to send email with guidance from AIAA of requirements for being active in TCs.*
- **AWARDS SC (chair: Marlies Arnhof)**  
**No members**  
  - *Gordon Woodcock award in process*
  - *Georgi to send emails about winners of Best Paper Awards for 2023.*
  - *The award was not given out at ICES2024 because the winner could not attend at the last minute.*
- **EXHIBITIONS (chair: Maria Joao Durao, co- chair: Paolo Caratelli)**  
**Members:** Brand Griffin, Christina Ciardullo, David Wong, Marlies Arnhof, Matthew Kim Kyung, Olga Bannova, Sandra Haeuplik-Meusburger, Vittorio Netti, Amit Srivastava  
  - *Paolo: no major updates, looking to connect with MJD re: repository of exhibitions*
  - *Georgi: follow up on including a tag for exhibitions for inclusion on spacearchitect.org website*
  - *SAS student exhibition is coming up as well; 0 student posters received?*
  - *Marta: will begin printing student posters next week; final deadline for receipt of posters will be end of September.*
  - *Barbara: question re: opening event for the poster session?*
  - *Marta: Posters will be exhibited starting Friday evening prior to SAS*
  - *Georgi to follow up with Kim re: Korean Space agency invitation to SAS*
- **PODCAST SC (chair: Tara Bisharat/ Milomir Milenkovic)**  
**Members:** Marta Rossi, Amit Srivastava  
**Links:** [https://www.youtube.com/@space\\_architecture](https://www.youtube.com/@space_architecture)  
<https://www.youtube.com/@fromtheoutpost>  
  - *Tara: no new episodes uploaded, few clips. Proposal to have more livestreams as opposed to editing post-interviews? Would prevent the long lead time between interviews and publication.*
  - *Tara to follow up with Georgi / Melodie re: livestream subscription software*

- Amit: working on an episode re: research in Australia, currently planned for early November. Also discussed the potential to release audio-only versions of interviews.
- Tara: request to include links to podcasts and interviews on spacearchitect.org
- Georgi: Need to discuss a more streamlined approach to updating Spacearchitect.org website:
- Ted: Currently David manages membership updates, Vittorio manages content updates
- Georgi: Request for SATC to email links for published videos and interviews that are available on YouTube to the linked to SATC YouTube
- Tara: Request to share YouTube SATC via networks
- Jacky: Any potential to use the podcast to support or share the decadal survey effort?
- Tara: to send meeting time with Georgi / Melodie to discuss next steps
  
- **IT, WEB support, Online Content (chair: David Wong, co-chair: Vittorio Netti)**  
**Members:** Milomir Milenkovic  
● Skipping / will follow up on next steps re: updating Spacearchitect.org
  
- **SOCIAL MEDIA (chair: Mahsa Esfandi)**  
Members: Alma Kugic  
**Links:** <https://www.instagram.com/spacearchitect/>  
<https://www.facebook.com/SpaceArchitect.org>  
<https://www.linkedin.com/company/102278994/>  
● Mahsa: Request to update YouTube SATC logo with what is on LinkedIn. Mahsa updated SATC LinkedIn page; now 604 followers. Mahsa added most connected to LinkedIn. Can more easily share updates when comments or posts tag SATC as much as possible. Great sharing opportunity.  
● Mahsa: No access to Instagram or Facebook; however we can make plans to share in the future  
● Mahsa: Potential to share and link projects via SATC website as well as podcasts via YouTube.
  
- **EDUCATION SC (chair: Valentina Sumini, Olga Bannova, Matt Simon)**  
**Members:** Troy Cole, Paolo Caratelli, Mahsa Esfandi, Ariel Ekblaw, Keith Crisman, Rowdha Hanif, Marta Rossi  
● Christina: Request for Education SC to join in decadal survey efforts  
● Madhu: Several terrestrial areas of interest re: human health, medical capabilities, etc we can look towards for knowledge transfer to space. USC midterms are taking place in mid October.  
● Georgi: Echoing Madhu's call for us to represent the need to reflect "space for earth" emphasis in decadal survey

## Activities, conferences and meetings in 2024-2025

- ASCEND 2025
  - Need volunteers to lead Space Architecture Session
- Looking for SATC presence at ASCEND;
- <https://www.ascend.events/>
- Call for content is currently open. Next year / 2025 will be in Vegas. Following years may be in San Diego. Call for content is open until 21 November  
<https://www.ascend.events/presenters/>
- Francois may be up for organizing a session or panel
- 22-24 July
  
- ICES 2025
- Georgi: Good turnout and attendance at ICES 2024;

- *ICES 2025 in Prague, 13-17 July.*
- *Session chairs will be Adam Oswald and Bill O-Hara. Georgi and Sandra will stay on one more year to help transition to a new team.*
- *Call for abstracts is currently out. Due 18 November 2024*
  - <https://ices.space/call-for-papers/>
- **IAC 2024 Milano**
  - *Abstract selection will happen next week. Record number of submitted abstracts*
  - *There are three Space architecture sessions - All sessions in Hall 2-*
    - *A5.4 - Morning 17.October*
    - *E5.6 -*
    - *E5.1 - Afternoon of Monday*
  - *Also interactive session in symposium E5*
    - *Papers also required to interactive sessions.*
  - *Space Habitats Committee of IAF meeting will also happen at IAC24 – date TBD*
    - *Virtual/hybrid meeting next week on Tuesday 26.March. at 5pm CET*
    - *Contact Olga and Sandra if interested.*

#### Other Space Architecture Events

- *International Association for the Advancement of Space Safety [IAASS]*
  - *8-10 October 2024 in Prague*
  - <https://www.iaassconference2024.org/>
- *International Symposium on Off-Earth Construction*
  - *8. November in Adelaide, Australia*
  - <https://set.adelaide.edu.au/atcsr/australian-society-for-off-earth-construction>
- *9th Human Physiology Workshop 2024*
  - *6 December 2024*
  - <https://www.dlr.de/en/me/latest/events/human-physiology-workshop/9th-human-physiology-workshop-2024>
- *IAC 2025 in Sydney*
  - <https://www.isec.org/events/iac-2025>
- *Moon to Mars Architecture Art Challenge*
  - <https://www.nasa.gov/directorates/stmd/prizes-challenges-crowdsourcing-program/center-of-excellence-for-collaborative-innovation-coeci/nasa-moon-to-mars-architecture-art-challenge/>

#### Next Meeting: December 2024