

AIAA Space Architecture Technical Committee on-line meeting

JANUARY 21, 2022 10:00AM (CST) 5:00PM (CET) via Zoom

Participants (no particular order):

- | | | |
|------------------|-------------------------|------------------------|
| 1. Keith Crisman | 7. Paolo Caratelli | 13. Michel Lacerda |
| 2. Mahsa Esfand | 8. Ariel Ekblaw | 14. Kyungwhan Kim |
| 3. Larry Toups | 9. Valentina Sumini | 15. Anne-Marlene Ruede |
| 4. Sam Ximenes | 10. Monika Brandic | 16. Troy Cole |
| 5. Georgi Petrov | 11. Christina Ciardullo | 17. Vittorio Netti |
| 6. Tara Bisharat | 12. Thomas Lagarde | |

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

SATC Chair 2020-2022 Olga Bannova

SATC Vice-Chair 2020-2022 Sandra Haeuplik-Meusburger (2022-2024 term Chair)

MEETING AGENDA

Opening comments (5 min)

Welcome and approving the agenda (Olga)

Next meeting in March

Upcoming Vice-Chair Nominations (10 min)

Please send your CV and statement by January 31. The poll on received nominations will be opened from February to March.

Subcommittee plans for 2022: reports and current projects (40 mins)

Chairs: Please confirm and update the members of your subcommittee and provide your plans and activities planned for 2022, and any updates you would like to share

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

No members

- Membership requirements: maximum is 50 people; new members will be introduced in March. Members shall be active within the committee. AIAA membership is required. Additional information in the enclosed ppt.
- Applications for 2022 are closed, new members will be introduced in May

- **AWARDS SC (new chair: Thomas Lagarde, Larry Toups), past chair: Emanuel Pimenta)**

No members

- Call for chair position – Thomas Lagarde will be upcoming chair
- Managing the review and evaluation process of current paper selection is in progress
- Two awards: Best paper award (student / professional) and one professional 'Gordon Woodcock' award
- Second new chair for new project award: Larry Toups
- Future Best paper awards: need a nominator, no self-nominations will be accepted

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

Members: Ariel Ekblaw, Monika Brandic Lipinska, Valentina Sumini, Sam Ximenes, Paolo Caratelli, Keith Crisman...

Description and Goals for 2022:

- Contributions to be extended ...
- Many ideas new ideas: Please email them if you are interested:
- **Education-Mentoring (chair: Keith Crisman)**
- **Education-Middle School (Sam Ximenes)**
- **Education-Connections with other Organizations (chair: Mahsa Esfandabadi)**
 - Lunar Consortium, John Hopkins University (Mahsa), Ariel on the Exec. Committee, Logo for the Member Institutions,
<https://lsic.jhuapl.edu/About/Member-Institutions.php>
 - <https://astronauticsinstitute.org/>

- **PODCAST SC (chairs: Mahsa Esfand and Tara Bisharat)**

Members: Alfredo Munoz, Anne Marlene Ruede, Sandra Haeuplik-Meusburger, Monika Lipinska

Description and Goals for 2022:

- Podcast Genre:
Long-form interview about a wide range of topics related to space, science, architecture of space, human-centered design, innovation, future endeavours, research (past and upcoming), design culture, hot space topics and news with space architects, experts, enthusiasts, researchers, start-ups, universities, teams.
 - Special episodes: Roundtable podcast (multiple guests discussing same topic from different angles)
 - Special edition: during specific events, like conferences, and reporting SATC Events.

Podcast Length: 30-45 Minutes < 1 hour / Long form chat (minimal editing).

Podcast Frequency: Once a Month to start, then every two weeks.

Podcast Cover Art / Logo: In Progress. [Call for ideas open and welcomed. Please send your ideas to TaraBisharat@gmail.com](#)

Podcast Titles: Suggestions welcomed. [Please send your ideas to TaraBisharat@gmail.com](#)

- Podcast Interview Ideas:
 - Interviewing space architects and their life journey to their current position, companies, start-ups, universities, teams, etc. about their projects
 - Having a conversation/lecture about the fundamentals of space architecture like microgravity, radiation protection, standards, etc.
 - Having a conversation/debate about concepts of space architecture like the future of human missions, genetically modified humans or hibernation in long-duration missions, etc. - Reporting SATC events
- Podcast Outreach:
 - Collaboration with Social Media Team for outreach and branding.
 - Youtube Channel: Name to be confirmed with wider SATC group
 - Podcast hosting platforms: Space Architect.org website, LinkedIn, Facebook, ...
 - [Pending] Podcast to be hosted to Apple podcast, Google podcast, Spotify, and Audible, ... preferable using a podcast hosting service.

Please email TaraBisharat@gmail.com if you are interested in being part of the podcast, if you have any interesting ideas and suggestions to share, and if you have a project/story/research you would like to share on the podcast.

- Current Activities/Progress:
 - Editing of first interview with Jean-François Clervoy in progress, episode release by end of the month.
 - Podcast Calendar is being populated with interview and slots, so please send your interest for an interview soon.
- [Tara will send out ideas on titles via email to the whole group](#)
- Next broadcast possibly: Constance Adams Exhibition in Yale
 - <https://news.yale.edu/2021/11/30/honoring-work-women-architecture-elm-city-outer-space> > [please put this on the website](#)

● **Exhibitions (chair: Maria Duroo) – [input will be added following the meeting](#)**

Members:

- X
- X

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

Members:

- Keep-up of website and email administration
- Preparation of vice-chair voting
- NEWS:
 - Please put the exhibition featuring Constance Adams to the website <https://news.yale.edu/2021/11/30/honoring-work-women-architecture-elm-city-outer-space>
- anybody interested in writing some blog entries – please let us know
 - next blog entries: Valentina student works, Paolo and Sandra student works ... send email to archv.netti@gmail.com
 - NEW PROJECTS – call for projects will be sent out by Vittorio by the end of January
 - Put the AIAA course on the website – resources
- New section will be added: description of awards and previous awardees, nomination process and selection,
- **Social Media (chair: vacant position, former chair: Tomas Rousek)**
Members: x
 - Please mail to Olga and Sandra to propose or continue with the social media work
 - Facebook: David Wong, Barbara Imhof, Sandra Haeuplik-Meusburger, Brent Sherwood, Tom Rousek,
 - Instagram: post to Monika Lipinska or Anne-Marlene Ruede
- **Sponsorship (Chair: Christina Ciardullo)**
Members: Email Christina if you want to be (or still want to be) part of the subcommittee and we will set a meeting
 - BEST PAPER AWARDS
 - Ariel Ekblaw’s non-profit Aurelia will sponsor this year’s best paper awards if we still wish to have a monetary award, with visibility at award presentation at Ascend 2022
 - Last year we did not have a monetary award, how was this received?
 - Should we continue to have a monetary award?
 - SCHOLARSHIP
 - This has been identified as a significant objective for raising funds. Is that still the case? Should we focus here?
 - What might be the selection process and or purpose (probably a decision to be made in collaboration with a sponsor)? Scholarship for a research project? Internship? (Best Paper awards cover a past project...)
 - Need to confirm amount for a perpetual award with the AIAA Foundation
 - First outreach will be made to Brent/Blue Origin
 - NON-PROFIT
 - Evaluating the legal implications of moving forward, awaiting consultation with a pro bono lawyer
 - OTHER
 - Do any of the other committees have activities which need funding of some sort?

Activities, conferences and meetings in 2022 (15 min)

- **ICES 22:** 10-14.July 2022, Saint Paul, MN
Chairs: Georgi Petrov, Sandra Haeuplik-Meusburger, Francois Levy, Mahsa Esfandabi
 - Draft Papers Due: 28 February 2022
 - Reviewers wanted: here is guide: <http://spacearchitect.org/wp-content/uploads/2021/03/A-Brief-Writing-Guide-1.pdf>
- **IAC 22 in Paris:** call for plenary and special sessions and GNF-sessions still open,
 - **Call for contributions** – possible input from our group

Abstract submission: <https://www.iafastro.org/news/iac-2022-call-for-session-proposals-and-abstracts.html>

- **Space Architecture Symposium in Paris: SAS 2022** - Organizer [Thomas Lagarde](#), Kyunghwan Kim with RST Arches; supporting: Anne-Marlene Ruede
- **ASCEND 2022**: abstract submission will open <https://www.ascend.events/2022-ascend/>

New business and ideas (10 min)

- Larry Toups: Possible award for projects in the future for students, YP, ...
- Sam Ximenes: introduced the design competition, judges are needed <https://wexfoundation.org/nway/design-competition/>

Go around the room (10 min)