

AIAA SATC Vice Chair Election (2022-2024) Election Statement

GEORGI PETROV

We are on the cusp of a great expansion of human activity in outer space. As architects, our ability to start designing with the human experience and then wrapping layers of technology to create innovative habitats can be an invaluable tool in shaping a successful future for humans beyond the surface of the Earth. I plan on working to ensure that the SATC plays an active role in promoting the ideas and services of our community to all players involved in human exploration.

Additionally, the SATC must also adjust to a world that has been changed by the Covid pandemic. As we all eagerly await the return to in-person interactions, we can take the best parts of what we learned in the past two years and apply them to our future activities. While I would like to expand the in-person attendance at our sessions at ICES, IAC and ASCENT, I would also like to pursue new venues to share ideas on space architecture. For example, continuing to hold more virtual events where a wider field of people can participate without incurring large travel and conference expenses and also reducing everyone's carbon footprint. Similarly the new Space Architecture Podcast and expanded social media presence are great new initiatives that I would greatly support. In the last half a decade there have been many new practicing architects that are interested in designing for outer space and extreme environments and I would like to get more of them involved in our conversation.

I have been a member of SATC for 17 years now and have been involved in almost all of the various activities of the committee, and I believe that I am well positioned to guide our efforts. I have written papers for and attended all three of our signature conferences. For the past seven years I have been the co-chair of ICES running the abstract and manuscript peer review process and I have conducted the session for five of the events. Together with Sandra, I organized the Space Architecture Symposium in 2016 in Vienna. I also contributed a chapter to our biggest publication, the Out of This World book.

[Link to CV](#)