

Space Architecture workshops and lectures

What we offer

Anastasia Prosina's tools and topics are available as applied workshops, running from in-depth workshops for organizations and universities, to single-topic modules to custom workshops we co-design with you. These can be offered on-site, as an off-site workshop, or online.

Online versions are adapted for more compact time periods and include elements of online lecture, web-based collaborative exercises (such as mind-mapping), chat, discussion, and reviews.

Anastasia Prosina's workshop program is designed to provide both a non-expert and design-oriented audience with general knowledge (but not specialty experience) of space architecture, interior design, and strategic foresight, plus applied working knowledge of the key tools used in this field of practice.

Formats

I. Lecture or open conversation

Inspirational talk with a Q&A session: lectures 1-3 can be developed into a workshop format

1. Rethinking Sustainability through Space Architecture

#sustainability

Biotech, waste reduction, and material efficiency are inherent components of space architecture. What if building sustainable futures on and off the Earth has the same solutions?

2. Fostering Astronauts' Wellbeing with Design

#mentalhealth

How do we merge functionality, aesthetics, and psychological support? The participants will explore design tools that prevent mental illness disorders and manage crew behavior.

Formats

I. Lecture or open conversation

3. The Inclusive Space is Coming: Challenging Ableism Through Design

#inclusivity

Why is design a defining tool for the future in space, and how does designing for space accessibility improve accessibility on Earth?

4. The Future of Space Architecture is Female

#equality

Male professionals vastly dominate both the space industry and architecture fields. Being the CEO of a space architecture firm, Anastasia has the goal of bringing more female professionals into the field. Throughout her career, she was inspired by female space architects Galina Balashova and Constance Adams who remained invisible but have drastically influenced the industry.

Even today, only 1 out of 5 experts in the space industry are female and even those employed often remain invisible. Women played crucial roles in the space program, yet we don't know much about them. How can we embrace female leadership in a man-dominated industry?

5. Finding Yourself in the New Space Sector

#futureofwork

It was considered that only pilots, astronauts, and engineers could work in the space sector, but, as the industry develops and grows, anyone can find their interstellar path. How does one start and what qualities and knowledge do you need to work in the New Space Sector?

1-2 days, 6-10 hours

II. Single workshop

Designing a Mars Habitat

Workshop structure: Theory (lecture) + Practice (workshop) + Review (discussion)

In this workshop, students will learn about the interdisciplinary field of space architecture and what it means to take a human-centered approach in outer space. Students are invited to reflect on various aspects of design such as mental health, privacy, crew behavior, radiation, food, etc.

Example: Anastasia Prosina's workshop for Museum of Design

2-4 weeks, 12-24 hours in total

III. A series of workshops

Space Architecture: Introduction

Workshop structure: Theory (sets of lectures) + Practice (workshop) + Final Reviews (discussions)

A skill- and portfolio-oriented course where students are invited to develop innovative concepts of space habitat that will support both ergonomic and human well-being purposes. Through lectures, workshops, and assignments, a set of skills and ideas will be explored and developed such as creative thinking. Designing a space habitat involves a lot of challenges: astronauts cannot bring a lot of objects from Earth, so each item should be multifunctional; a space habitat is a closed interconnected system, so we should be sure that none of the materials used is toxic, etc.