

ARCHISPACE International Seminar

(program / draft 3)

July 16 | Day 1

09h00 – Opening

Fernando Ramos, Rector of Portucalense University
Mariana Correia, Director of DAMG & Coordinator of ArchiSpace-UPT
Mónica Alcindor, Director of CIAUD-UPT
Gian Gabriele, Director of IRSPS & General Coordinator of ArchiSpace Horizon Project

Session 1: ARCHISPACE Project

09h15 – ArchiSpace Project

Gian Gabriele, IRSPS *(Italy)*.

09h45 – ArchiSpace at UPT

Mariana Correia, Telma Ribeiro, UPT *(Portugal)*.

10h00 – Report on Living in Extreme Environments (WP4.1a)

Susana Milão, Rui Florentino, UPT *(Portugal)*.

10h20 – Guidelines on Psychological Adaptation to Extreme Environments (WP4.1b)

Alexandra Araújo, Sandra Fernandes, UPT *(Portugal)*.

10h40 – *Questions*

11h00 – *Coffee break*

11h30 – Space Architecture – Habitat Design Aspects and Trends (WP5)

Henriette Bier, TU Delft *(The Netherlands)*

11h50 – Designing and prototyping extraterrestrial habitat (WP6)

Andreu Corominas, UPC *(Spain)*

12h10 – In-situ material composition and use (WP7)

Abdelaziz Baçaoui, Kamal Taj-Eddine, UCAM *(Morocco)*

12h30 – *Questions & Debate*

13h00 – *Lunch*

Session 2: Architecture in Space

14h30 – Space Habitats

Sandra Häuplik-Meusburger, Wien University *(Austria)* *(to be confirmed)*

Questions

15h00 – 3D printing in Mars

Xavier de Kestelier, Hassell Company (United Kingdom) *(to be confirmed)*

Questions

15h30 – Analogue space mission in Monsaraz

Pedro Pedroso, Inesc TEC *(Portugal)* *(to be confirmed)*

Questions

16h00 – NASA habitats for Mars

José Pinto Duarte, The Pennsylvania State University (USA) *(to be confirmed)*

Questions

16h30 – *Debate*

17h00 – *Coffee break*

July 17 | Day 2

Session 3 | ARCHISPACE Transversal Research

09h30 – Presentation of Routledge Book: 'Earthen Architecture in Space'

Mariana Correia, Telma Ribeiro, Susana Milão, UPT (*Portugal*)

Giuseppe Calabrese, IRSPS (*Italy*).

Questions

10h00 – Lessons learned from Ancient Settlements in Extreme Environments

Giuseppe Calabrese, IRSPS (*Italy*).

Questions

10h30 – Coffee break

11h00 – Case Studies Analysis of Earthen Architecture for Off-Earth Habitats

Telma Ribeiro, UPT (*Portugal*).

Questions

11h30 – 3D Printing with Earth: Contribution for Earthen Architecture

Joaquim Flores, Isabel Clara Noves, UPT (*Portugal*)

Andreu Corominas, Ignasi Casanova UPC (*Spain*).

Questions

12h00 – Round-Table

13h00 – Lunch

14h30 – Digital and Immersive experiences for Space Habitat

Emília Simão, Ivo Teixeira, Alexandre Clément, UPT (*Portugal*).

Giuseppe Calabrese, UPT (*Portugal*).

Questions

15h00 – Advancements in AI and Robotics Applications for Space Architecture and Beyond

Henriette Bier, TU Delft (*The Netherlands*)

Questions

15h30 – Round-Table

16h30 – Closure

Mariana Correia, Director of DAMG & Coordinator of ArchiSpace-UPT

Gian Gabriele, Director of IRSPS & General Coordinator of ArchiSpace Horizon Project

17h00 – Coffee break

Organizing Committee:

Mariana Correia, Telma Ribeiro, Susana Milão, Giuseppe Calabrese.