

COSMIC HUMANITY: INTERDISCIPLINARY VISIONS FOR SPACE EXPLORATION

A symposium that brings together scientists and humanists to reimagine the paradigms of space exploration, from its material challenges to its profound impact on human relationships, societies, and futures.

THURSDAY, MARCH 27, 9AM - 630PM
FIU SCHOOL OF ARCHITECTURE
BEA GALLERY » CHECK-IN / LUNCH
PCA135 » SYMPOSIUM

9:00 - 9:15 CHECK-IN/COFFEE / BEA GALLERY

9:15 - 9:45 WELCOME AND INTRODUCTION / PCA135

9:45 - 11:15 PANEL 1: TOWARD DISTANT WORLDS

// **Shimon Wdowinski** Professor, FIU Department of Earth and Environment, Institute of Environment

The Expected Physical Conditions and Hazards on Habitable Planets

// **Vyta Pivo** Assistant Professor, University of Miami Department of Architecture

Concrete Space Oddities: Architecture and Construction in Outer Space

// **Daniela Radu** Professor and Interim Chair, FIU Department of Mechanical and Materials Engineering
Harvesting Energy in Space

// **Tigran Abrahamyan** Associate Teaching Professor, FIU Physics Department,
Elio Artega Associate Professor, Miami Dade College, School of Entertainment & Design Technology

Astronomy & Art—Fantastical Worlds Are Real

11:15 - 12:30 LUNCH / BEA GALLERY

12:30 - 2:00 KEYNOTE

// **Jeffrey Nesbit** Assistant Professor, Temple University School of Art + Architecture

Ground Control: Technical Lands for Departing Earth

2:00 - 3:30 PANEL 2: ABOUT SPACE, ON EARTH

// **Shahin Vassigh** Professor, FIU Department of Architecture, Associate Dean of Faculty Development

Robotic Construction in Space

// **Luis Cendan** Ph.D. Candidate, FIU Department of Earth and Environment

Seeds for New Worlds: From Climate Change on Earth to Agriculture on Mars

// **James Webb**, Professor, FIU Department of Physics
Finding Extraterrestrial Life in the Universe

// **Neil Leach**, Professor, FIU Department of Architecture
Is AI the New Space Race?

// **Ozan Atalan** Assistant Teaching Professor, FIU Department of Art + Art History

Xenopoetics

3:30 - 3:45 BREAK

3:45 - 5:15 KEYNOTE

// **Erika Nesvold** Co-Founder, JustSpace Alliance

Ethics, Human Rights, and Our Future in Space

5:15 - 5:45 CLOSING REMARKS

// **Rhona Trauvitch** Associate Teaching Professor, FIU Department of English

The Fictionality Warp Drive: FTL Propulsion to Novel Imaginings

5:45 - 6:30 TOUR OF STOCKER ASTROSCIENCE CENTER
WITH JAMES WEBB

