



UCSB

**alloSPHERE**

*Accelerating Discovery Through Virtual Experimentation*

**Beall Center & AlloSphere Presents**

## **Sketches of Sensorium**

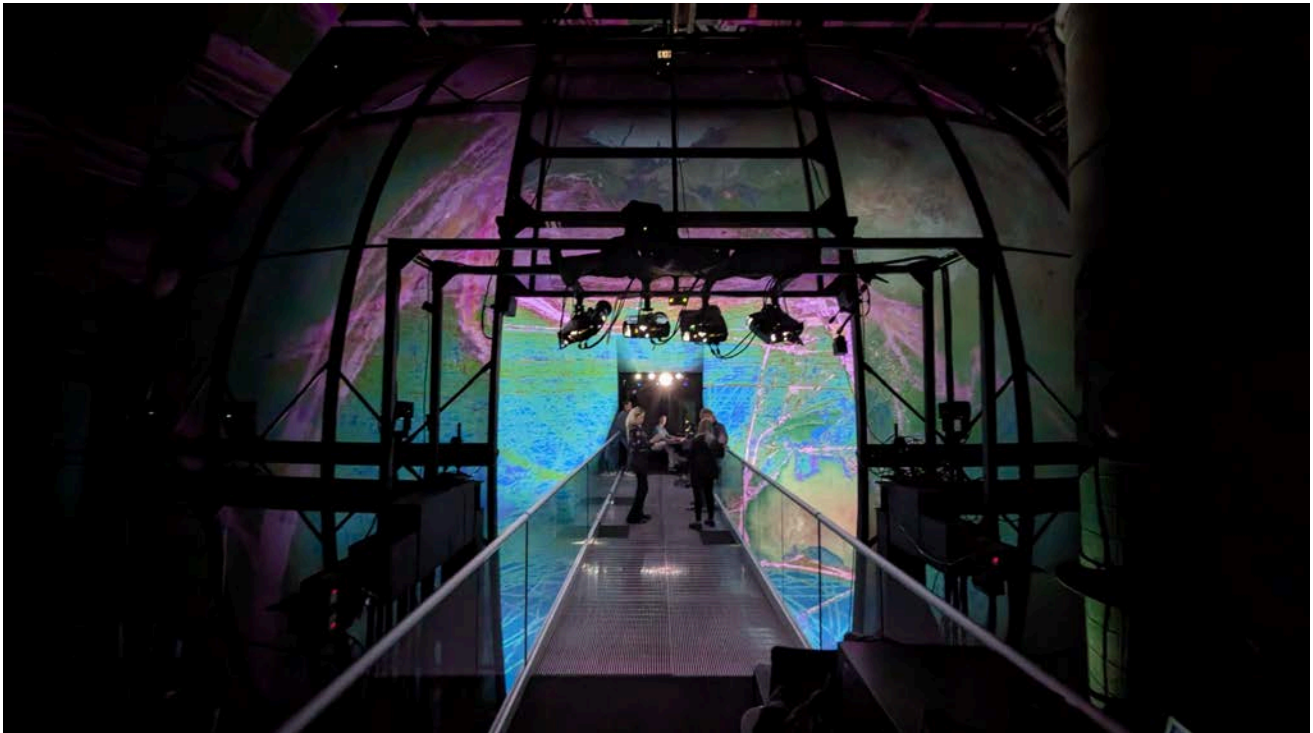
**UC Irvine Beall Center for Art + Technology,  
with Getty PST Art: Art & Science Collide**

**Website:** [https://allosphere.ucsb.edu/research/sketches\\_of\\_sensorium/2024.html](https://allosphere.ucsb.edu/research/sketches_of_sensorium/2024.html)

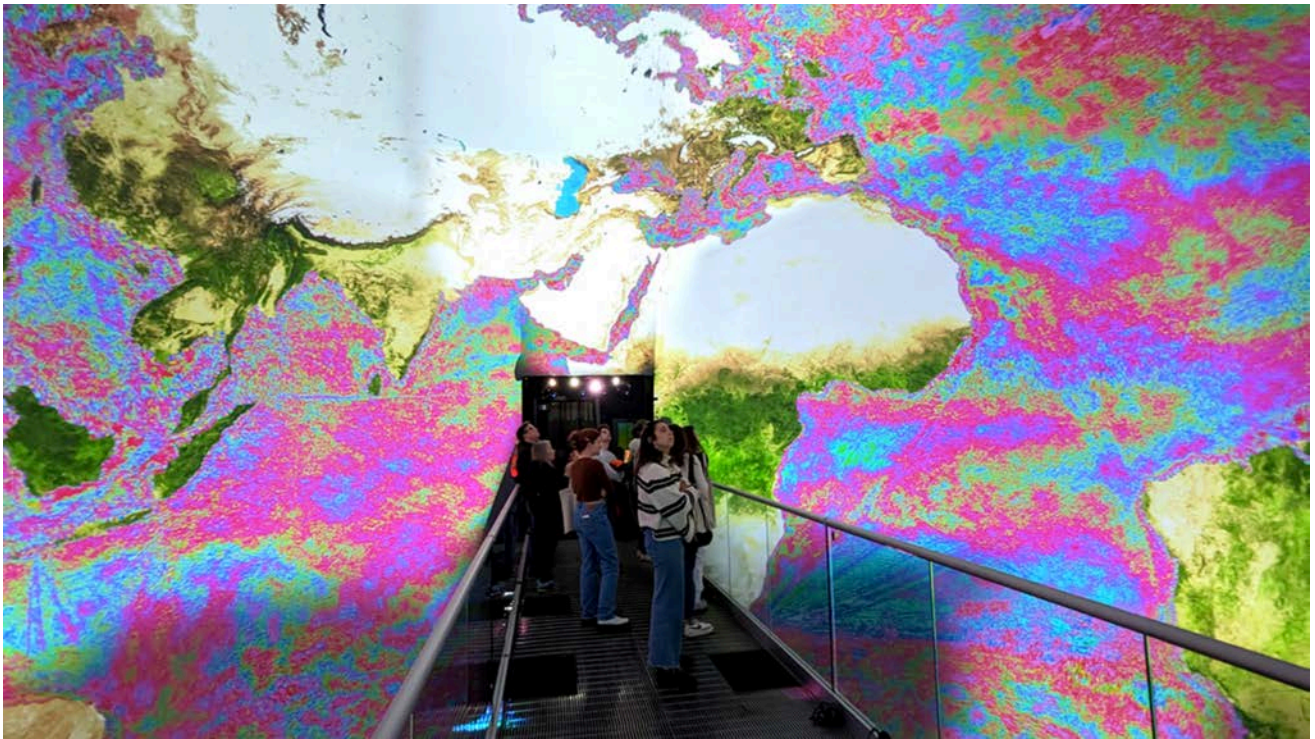
**Contact:** email: [AlloSphere@ucsb.edu](mailto:AlloSphere@ucsb.edu) | <https://allosphere.ucsb.edu/>

**Press:**

- Immersive ocean health project at UCSB's AlloSphere as part of Getty PST ART
- AlloSphere Series Blends Science, Art to Illustrate Human Impacts to Climate, Ocean Health



*Sketches of Sensorium - Entrance view*



*Sketches of Sensorium - Inside view*

## **Sketches of Sensorium @ the AlloSphere**

*Through interactive, immersive visualization and sonification of these complex systems we may be able to come to terms with which directions are the most intelligent and wisest to pursue for a healthier united world. Working with these systems for climate change will advocate for climate justice.*

*Kuchera-Morin, JoAnn. Sketches of Sensorium @the AlloSphere. 04 Sep. 2024.*

Sketches for Sensorium showcases core elements of the late environmental artist Newton Harrison's (1932 - 2022) long-term project, Sensorium for the World Ocean. It will premiere at the AlloSphere as a satellite to the UC Irvine Beall Center for Art and Technology's forthcoming exhibition, Future Tense: Art, Complexity, and Uncertainty (Press Release), produced in partnership with the 2024 Getty PST Art: Art and Science Collide initiative. The installation will incorporate immersive audio and visual scientific climate and ocean health data provided by the Ocean Health Index of the Halpern Lab at the Bren School of Environmental Science & Management, as well as ocean climate data from NASA scientists who are working with researchers at the University of Maryland College Park under the direction of Dr. Myungin Lee, PhD '23.

Sketches for Sensorium is a project of the Center for the Study of the Force Majeure in collaboration with Virtual Planet Technologies, Almost Human Media, the AlloSphere Research Group at the University of California Santa Barbara, and the Immersive Media Design Lab in the Department of Computer Science at the University of Maryland College Park.

It will premiere with an original spatialized composition and an interactive data world, following Newton's wish to impart a sense of hope to audiences.

This experience also includes a spatial audio composition for the 54.1 channel sound system of the AlloSphere composed by Dr. JoAnn Kuchera-Morin. The spatialized sound includes audio samples of the ocean, sounds of the ships' engines, as well as synthesized sound created by Kuchera-Morin.

*Newton Harrison was a prolific artist, and also a poet, performer and master storyteller. I encourage anyone interested to read some of his many writings (mostly composed with his wife and lifetime collaborator, Helen Mayer Harrison). A good place to begin would be their book, In the Time of the Force Majeure.*

*Harrison, Joshua. To begin to learn about Newton & Helen Harrison work. 2024.*

## **AlloSphere Facility Program Dates - 2024 / 2025:**

### **2024**

#### **September - November (2nd Thursdays & 4th Saturdays)**

- 05:30 PM to 07:30 PM - September 12, October 10, & November 14
  - 01:30 PM to 03:30 PM - September 28, October 26, & November 23

#### **December**

- 01:30 PM to 03:30 PM - Saturday, December 07

### **2025**

**TBA** - A closing symposium event in coordination with the AD&A Museum

- Additional exhibition times/dates will be announced

### **Important:**

- Please reserve a time to see Sketches of Sensorium, at the linked Google Form - [https://docs.google.com/forms/d/e/1FAIpQLSeU-C8z5PMnmtuTepOkiYI6My8gGlpHYuaeF\\_L5i7LByEPRaA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSeU-C8z5PMnmtuTepOkiYI6My8gGlpHYuaeF_L5i7LByEPRaA/viewform).

## Artists & Partners

- The Center for the Force Majeure - [CFM](#)
- AlloSphere Research Team & Collaborators - [AlloSphere](#)
- Virtual Planet Technologies LLC - [Virtual Planet](#)
- Almost Human Media - [AHM](#)
- Immersive Media Design Lab - [IMD](#)
- UC Irvine Beall Center for Art + Technology - [BEALL](#)

### **AlloSphere** - <https://allosphere.ucsb.edu/>

The AlloSphere facility (three stories, 26 projectors, & 54.1 Channels of sound.) where we use multiple modalities to represent large and complex data, including immersive visualization, sonification, and interactivity. We are creating technology that will enable experts to use their intuition and experience to examine and interact with complex data to identify patterns, suggest and test theories in an integrated loop of discovery. Important research areas include quantum information processing and structural materials discovery, bioengineering and biogenerative applications, and arts and entertainment. These content areas also drive media systems research in immersive display, computation, and interactivity. Our facility is differentiated from other virtual reality environments by its seamless surround-view capabilities and ability to accommodate large groups of researchers concurrently. The AlloSphere Research Team (Dennis Adderton, technical director; Timothy Wood '21, media systems engineer; and post doctoral fellows Kon Hyong Kim '21 and Gustavo Rincon '20). The AlloSphere research facility is affiliated with the graduate Program in Media Arts and Technology.

### **Location - the California NanoSystems Institute (Elings Hall)**

**UCSB, SB, CA** - <https://www.cnsi.ucsb.edu/resources/location>

- Take Ward Memorial Boulevard (Highway #217) to the main entrance of UCSB.
- The building immediately in front of you with the Kandinsky graphic is the California NanoSystems Institute (Elings Hall). Bear right before the traffic circle. Quickly get into the left lane and turn left at signal into Parking Structure 10.
- Find a visitor parking space (marked Coastal Access on the lower levels) and follow the instructions to obtain a parking permit from the vending machine, marked in red on the map below. Enter the California NanoSystems Institute, at the entrance adjacent to the parking garage.
- Take the stairs or elevator to the second floor and enter the AlloSphere in room 2621.



## UC Irvine Beall Center for Art + Technology

The Beall Center for Art + Technology is a gallery and research facility located in the Claire Trevor School of the Arts at the University of California, Irvine, that presents a diverse range of artists engaging interactivity and emerging media forms. Since opening in 2000, the Beall Center has investigated new relationships between the arts, sciences, and society, and has facilitated collaborations between visiting artists and research practitioners through its Black Box Projects residency program. The Beall Center serves as an exploratory forum, a site of discovery between the laboratory, studio, and museum.

## Future Tense: Art, Complexity, and Uncertainty

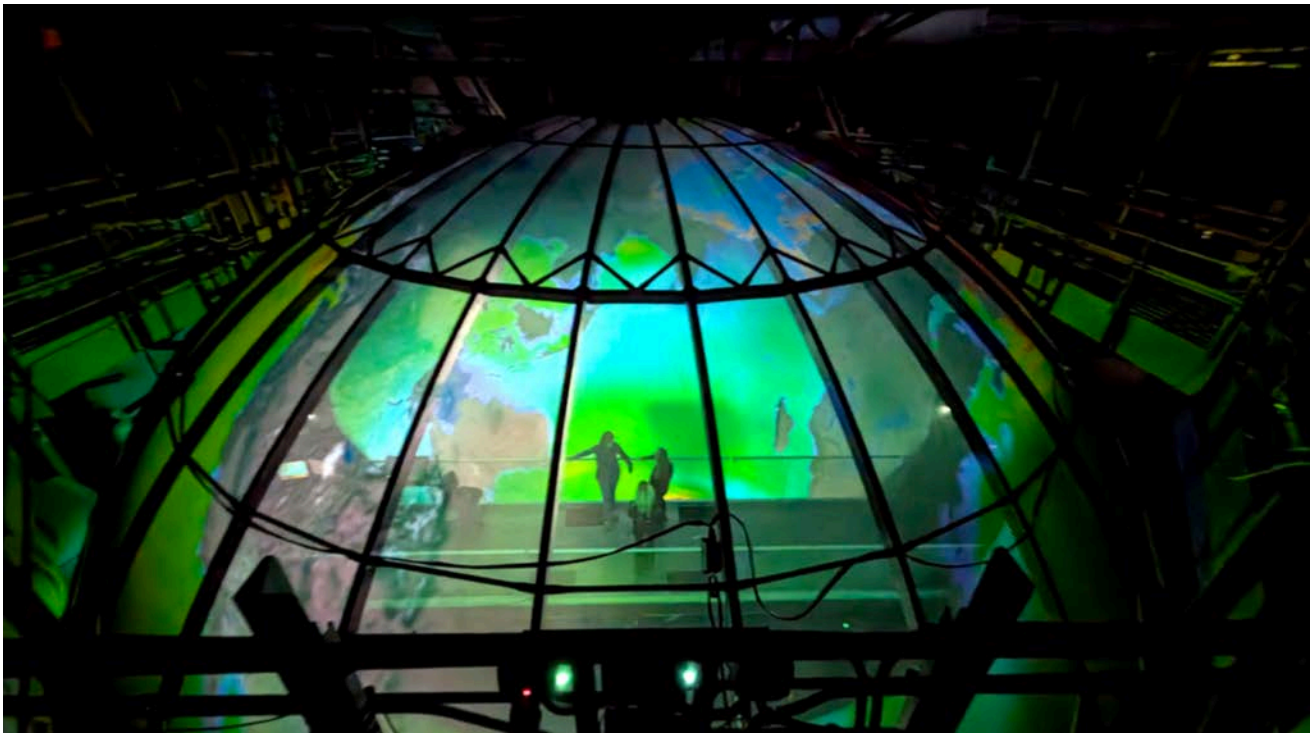
Exhibition Site | Curated By: David Familian

Dates: August 24, 2024 to December 14, 2024 | Opening Reception: October 5, 2024 - 2:00pm

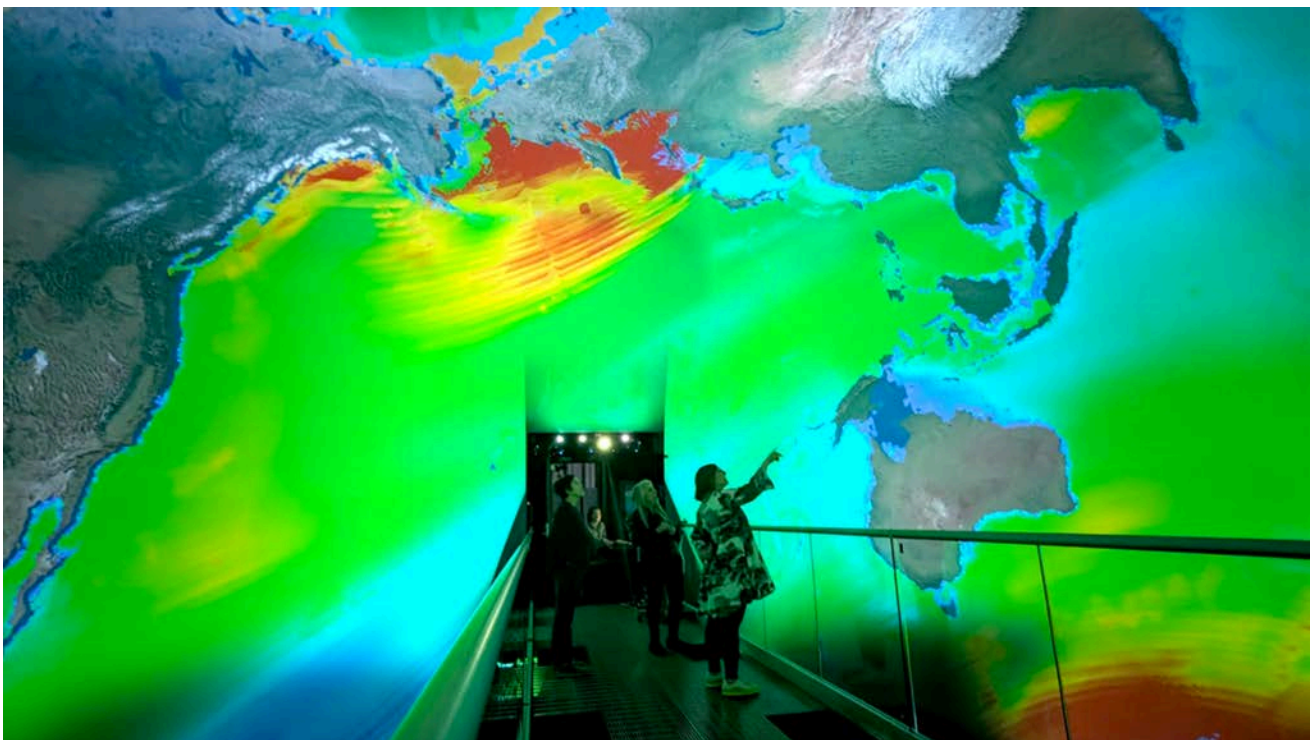


Press Release: [file:///Users/grincon/Downloads/PST\\_UCI\\_BEALL\\_Future\\_Tense\\_PressKit-24.pdf](file:///Users/grincon/Downloads/PST_UCI_BEALL_Future_Tense_PressKit-24.pdf)

**The Center for the Study of the Force Majeure brings cutting edge Art, Science and Social Analysis together to develop innovative and effective tools that address climate issues.** The Center's mission is to design responses to climate change at the scale in which it occurs; the Center focuses on an ecosystem's ability to hold and release water, a critical aspect of food security and drought mitigation. Where traditional and even interdisciplinary approaches often fall short, the Center looks to the intersection of Art and Science to generate provocative metaphors that help reframe the issues, and in doing so, often lead to inspired solutions to difficult problems.



*Sketches of Sensorium - 3rd floor top view*



*Sketches of Sensorium - Inside view*

