



UNIVERSITY OF MIAMI
INSTITUTE for DATA SCIENCE
& COMPUTING



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IDSC VIZ LAB
Ungar Building, Room 330D

Complementing the advanced computing resources offered by the Institute for Data Science & Computing, the Visualization Laboratory is the latest tool for data-driven research at UM. With its direct connection to all University supercomputers, the Viz Lab is the perfect tool for high-performance parallel visualization, data exploration, and other advanced 2D and 3D simulations. The Viz Lab is available to the UM community as a resource for research and teaching.

Using the Viz Lab

The Viz Lab is located on the third floor of the Arthur A. Ungar building on the University of Miami's Coral Gables campus.* Capable of accommodating up to 14 people, it is an impressive space to make a presentation or to host your next meeting. Access to this technology requires completion of a one-time, short orientation session prior to use. To register for orientation, please send an email to vizlab@miami.edu.



Displaying your Presentation

There are several ways to utilize the Viz Lab to display a presentation. Content may be accessed using email (for attachments under 10MB), via a laptop (or flash drive), via a web service like Box, or by presentation upload to the server. To learn how to upload your content to the server, email hpc@ccs.miami.edu (48-hour lead time is required for upload).

Please Note: Food and drink are not allowed inside the Viz Lab.

2D Display Wall

- 5x2 Planar Matrix 55-inch ultra-thin panels
- XPO4 video processor: 8 PiPs (picture-in-picture), single desktop 9600x2160 resolution
- 15-inch touch-panel display controller with enterprise server
- Audio system



3D Display Wall

- 2x2 tile wall display system of four Planar Clarity Matrix 46" 3-D LCD system-controlled 2x 8-core/16-thread processors
- Video system laptop wired connection points: Two wired laptop connections with dual-input scaler for HDMI or VGA
- Audio system
- Apple iPad console control system



The 3D display wall is specifically designed for an advanced user group. Ideal users are computing experts and students who wish to develop new techniques and approaches for immersive visualization.

*Arthur A. Ungar Building, Room 330D, 1365 Memorial Drive, Coral Gables, FL 33146-2508