

# NANOSEAM REFERENCES

Summer 2021

NANOSEAM



E&S

SPITZ

Cosm  
IMMERSIVE

## Hello!

Your projection dome or screen is the most visible optical element in the theater. A Spitz NanoSeam install ensures your content always looks its best, because our process ensures the smoothest and most uniform projection surface available. Since NanoSeam was introduced in 2007, we have designed, manufactured, and installed domes and screens for more than 250 sites worldwide.

We've been the standard for seamless projection surfaces for nearly two decades. Panels are installed without any overlapping or folded seams, and color-matched, countersunk rivets install flush to the dome or screen. Under every projection and lighting condition,

NanoSeam will look virtually seamless — with no shadows or imperfections to detract from the visitor experience.

We've curated a selection of our best and most notable NanoSeam installations for this reference document. These domes and screens vary greatly in size and tilt, with both standard hemispherical planetarium domes and custom-designed screen solutions included.

Don't see an existing project that fits your vision? Let our team help guide the design process to take your project from concept to completion.

**Best,**

**Your Cosm Sales Team**

**The Cosm Family of Companies: E&S | Spitz | Cosm Immersive**

NANOSEAM

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NAVAL ACADEMY



COLLEGE

COLUMBIA BASIN



UMEA UNIVERSITY



ADLER PLANETARIUM



HIGH POINT



UNIVERSITY

BUHL PLANETARIUM



**UP TO 12 METER DOMES**

# Colgate University

Colgate, NY

<https://www.colgate.edu/about/campus-facilities/ho-tung-visualization-laboratory>

**Contact:**

Joseph Eakin

Technical Director and Designer

Phone: 315.228.6126

Email: [jeakin@colgate.edu](mailto:jeakin@colgate.edu)

**Dome Size:** 10.4 Meters

**Dome Elevation:** 180 degrees

**Dome Tilt:** 13 degrees

**Seats:** 55



# Columbia Basin College

Pasco, WA  
[columbiabasin.edu](http://columbiabasin.edu)

**Contact:**

Erin Steinert  
Director of Planetarium & Observatory  
Phone: 509.542.4709  
Email: [esteinert@columbiabasin.edu](mailto:esteinert@columbiabasin.edu)

**Dome Size:** 11 Meters  
**Dome Elevation:** 180 degrees  
**Dome Tilt:** 15 degrees  
**Seats:** 88



# Marist High School

Chicago, IL

<https://www.marist.net/academics/science-at-marist/>

## Contact:

Thomas Gouterman

Head of Planetarium

Phone: 773.881.5300

Email: [gouterman.thomas@marist.net](mailto:gouterman.thomas@marist.net)

Dome Size: 7.3 Meters

Dome Elevation: 180 degrees

Dome Tilt: 0 degrees

Seats: 30





# Towson University

Towson, MD

<https://www.towson.edu/fcsm/centers/planetarium.html>

**Contact:**

Christopher Ready

Lecturer

Phone: 410.382.8070

Email: [cready@towson.edu](mailto:cready@towson.edu)

**Dome Size:** 7.3 Meters

**Dome Elevation:** 160 degrees

**Dome Tilt:** 15 degrees

**Seats:** 45



# University of Manitoba

Winnipeg, Canada

<https://sci.umanitoba.ca/physics-astronomy/>

**Contact:**

Danielle Pahud

Physics Professor

Phone: 204.474.9817

Email: [Danielle.Pahud@umanitoba.ca](mailto:Danielle.Pahud@umanitoba.ca)

**Dome Size:** 7.3 Meters

**Dome Elevation:** 180 degrees

**Dome Tilt:** 0 degrees

**Seats:** 60



A world map is shown in the background, rendered in a light gray color. Overlaid on the map is a dark blue arrow pointing to the right. Inside the arrow, the words "YOUR NOTES" are written in a bold, white, sans-serif font.

# YOUR NOTES

**12-20 METER**

# Carnegie Science Center

Pittsburgh, PA

[carnegiesciencecenter.org](http://carnegiesciencecenter.org)

**Contact:**

Charissa Sedor

Planetarium Producer

Phone: 412.237.3400

Email: [csedor@carnegiesciencecenter.org](mailto:csedor@carnegiesciencecenter.org)

**Dome Size:** 15.2 Meters

**Dome Elevation:** 180 degrees

**Dome Tilt:** 0 degrees

**Seats:** 143



**CARNEGIE  
SCIENCE  
CENTER**

# High Point University

High Point, NC

<http://www.highpoint.edu/natural-sciences/>

**Contact:**

Brad Barlow

Associate Professor of Physics and Planetarium Director

Phone: 336.841.9542

Email: [bbarlow@highpoint.edu](mailto:bbarlow@highpoint.edu)

**Dome Size:** 15.2 Meters

**Dome Elevation:** 180 degrees

**Dome Tilt:** 15 degrees

**Seats:** 125



# Houston Museum of Natural Science

**Dome Size:** 15.2 Meters

**Dome Elevation:** 177.71 degrees

**Dome Tilt:** 20 degrees

**Seats:** 187

Houston, TX

<http://www.hmns.org/planetarium/>

**Contact:**

Carolyn Summers

Vice President for Astronomy and the Physical Sciences

Phone: 713.639.4632

Email: [csummers@hmns.org](mailto:csummers@hmns.org)



*the* Houston  
Museum of  
*natural science*

# Orange Coast College

Costa Mesa, CA

[http://www.orangecoastcollege.edu/about\\_occ/planetarium/Pages/default.aspx](http://www.orangecoastcollege.edu/about_occ/planetarium/Pages/default.aspx)

**Contact:**

Scott Mitchell

Planetarium Director

Phone: 714.714.7430

Email: [planetarium@occ.cccd.edu](mailto:planetarium@occ.cccd.edu)

**Dome Size:** 15.2 Meters

**Dome Elevation:** 180 degrees

**Dome Tilt:** 0 degrees

**Seats:** 125





## Pilikula Regional Science Centre

Karnataka, India

<https://www.pilikularsc.com/>

Dome Size: 18 Meters

Dome Elevation: 180 degrees

Dome Tilt: 15 degrees

Seats: 170

### Contact:

Dr K.V. Rao

Director of Pilikula Regional Science Centre

Phone: +91.824.226.3536

Email: [kvrao044@gmail.com](mailto:kvrao044@gmail.com)



# Umea University

Umea, Sweden

<https://curiosum.umu.se/en/discover/>

## Contact:

Bastien Erpelding

Dome Theatre Coordinator

Phone: +46.907.866.661

Email: [curiosum@umu.se](mailto:curiosum@umu.se)

Dome Size: 12 Meters

Dome Elevation: 165 degrees

Dome Tilt: 0 degrees

Seats: N/A



# U.S. Naval Academy

Annapolis, MD

<https://curiosum.umu.se/en/discover/>

## Contact:

Chris Wright

Senior Director of Design Engineering at Spitz, Inc.

Phone: 610.459.5200

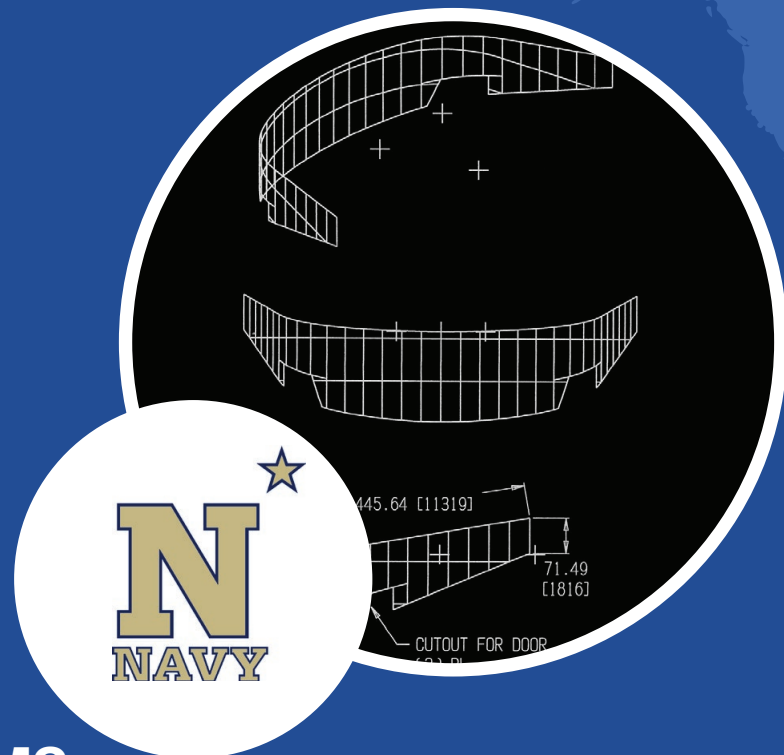
Email: [cwright@spitzinc.com](mailto:cwright@spitzinc.com)

Dome Size: Custom

Dome Elevation: N/A

Dome Tilt: 0 degrees

Seats: N/A



A world map is shown in a light gray, semi-transparent style in the background. Overlaid on the map is a dark blue arrow pointing to the right. Inside the arrow, the words "YOUR NOTES" are written in a bold, white, sans-serif font.

# YOUR NOTES

**LARGER THAN 20 METER**

# Adler Planetarium: Grainger Sky Theater

**Dome Size:** 21.3 Meters

**Dome Elevation:** 191 degrees

**Dome Tilt:** 0 degrees

**Seats:** 195

Chicago, IL

[adlerplanetarium.org](http://adlerplanetarium.org)

**Contact:**

Mike Smail

Director of Theaters & Digital Experience

Phone: 201.253.1346

Email: [mssmail@adlerplanetarium.org](mailto:mssmail@adlerplanetarium.org)



# California Academy of Sciences

**Dome Size:** 22.9 Meters

**Dome Elevation:** 165 degrees

**Dome Tilt:** 30 degrees

**Seats:** 290

San Francisco, CA

<https://www.calacademy.org/exhibits/morrison-planetarium>

**Contact:**

Ryan Wyatt

Sr. Director of Morrison Planetarium

Phone: 415.379.8000

Email: [rw Wyatt@californiaacademy.org](mailto:rw Wyatt@californiaacademy.org)



# Liberty Science Center

Jersey City, NJ

[www.lsc.org/explore/planetarium](http://www.lsc.org/explore/planetarium)

## Contact:

Mike Shanahan

Planetarium Director

Phone: 201.253.1346

Email: [mshanahan@lsc.org](mailto:mshanahan@lsc.org)

**Dome Size:** 26.8 Meters

**Dome Elevation:** 165 degrees

**Dome Tilt:** 27 degrees

**Seats:** 400





# Saint Louis Science Center

**Dome Size:** 22.9 Meters

**Dome Elevation:** 165 degrees

**Dome Tilt:** 30 degrees

**Seats:** 315

St. Louis, MO

<https://www.slsc.org/explore/omni-max-theater/>

**Contact:**

David Gioia

Theater Manager & Chief Projectionist

Phone: 314.289.4400

Email: [david.gioia@slsc.org](mailto:david.gioia@slsc.org)



A world map is shown in the background, rendered in a light blue color. Overlaid on the map is a dark blue arrow pointing to the right. Inside the arrow, the words "YOUR NOTES" are written in a bold, white, sans-serif font.

# YOUR NOTES

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## Contact Us

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A Cosm Company  
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Chadds Ford, PA 19317  
USA

**Phone:** Tel: 610.459.5200  
Fax: 610.459.3830

**Website:** [www.nanoseam.com](http://www.nanoseam.com)

**Email:** [spitz@spitzinc.com](mailto:spitz@spitzinc.com)