

BT Exhibit & Immersive Theater **Design Seminar 2018**

It's a day all about creating visitor experiences for...Science...History...Art...Music...Nature... Architecture...such as...one of our museum clients built a 100m long, 23m diameter glacier ice cave with real ice...inside! How do they use it with visitors?

How do you use domed theaters for art history talks? Kinects are discontinued...what to use now.

How do you know when to use an LED wall? What pixel pitch? Tired of buttons and touchscreens? Want the coolest interactive input method with complete realtime video speedup/slowmo control?

Eight workshops with internationally respected specialists in their fields. These are just the start.

On February 28, 2018, Bowen Technovation will host another of our very unique exhibit and immersive theater design meetings. We are inviting administrators and exhibit designers from museums, science centers, architectural and exhibit design firms, cultural/nature center/state park staff, planetarium managers/technicians, etc.

This event is the first day following the international Imersa conference, also held at COSI in Columbus, Ohio. <http://www.imersa.org/summit>

Attendance is free except for a full color \$25 workbook and materials cost.

See the list of valued sponsors at the end of this document.

Lunch and breaks are provided and sponsored by Leyard/Planar, Astrotec, and Bowen Technovation.

The detailed workshop sessions are the most important part of The Seminar. These are conducted by BT staff, personnel from major manufacturers and by exhibit project managers with whom we have worked. In our previous events those who attended reported they received a terrific collection of useful information.

Registration is required at <http://bowentechnovation.com/seminars2018/register/>

Registration is limited to the first 100 registrants.

The Workshop Classroom

A classroom setting will allow BT staff and invited industry specialists to conduct classes focusing on new technologies as they relate to exhibit and presentation systems. A workbook will be handed out. These are intended as professional development workshops, not sales pitches, and will include classes on such topics as (tentatively):

"Digital Video and Audio Ideas for Exhibits"

Workshop W-3

10:30-11:10

What is "true" networked video and audio over real IP? When do you use it?? How is it more flexible and how does it save \$\$ over other methods. What is Dante digital audio?

Various types of equipment and installation methods are discussed. Case studies include the Northwest Mutual Identity Center and various planetarium projects.

Panelists: Mark Trotter (Bowen), Shaun Burnette (Atlona).

"Break. See BT Equipment Samples around Classroom Walls"

11:15-11:30

Sponsored by AstroTec Manufacturing. Astro-Tec Manufacturing, Inc. is recognized around the world as the leader in design and manufacturer of domed and curved perforated projection screen equipment. Astro-Tec was incorporated in 1963 and now has developed the most advanced seaming technology in the world for perforated aluminum projection surfaces. Presenter: Dale Lewis, President

"RIP Lamps...New Projector Technologies"

Workshop W-4

11:30-12:10

The projection industry has revolutionized in the past few months. Top engineers in this industry will discuss how to select projectors as well as discussing new lamp-free long-life LED and laser light projectors. Case studies include the new Perlan Nature Museum (Iceland) and several immersive theater installations by Bowen staff.

Panelists: Brian Norris (Bowen), Tom Wilmers (Digital Projection)

"Interactives... New Visitor Input Methods...Real Time? Really"

Workshop W-5

12:15-1:00

Buttons, motion sensors, touchscreen exhibits, touch video walls, touch tables, multitouch, outdoor...How to decide which method to use with? How do you know how to select one over the other? Case study includes video of Orangutans using touchscreens at the International Orangutan Center and visitor interactives at the Gerald Ford Presidential Museum.

Panelists: Brien Barr (Bowen), Steve Manolatos (Panasonic), Dave Durlach (TechnoFrolics)

Continued on next page.

Lunch

1:00-2:30

Sponsored by Planar. Planar's commitment to high quality, leading-edge display technology is unparalleled. With innovations in video walls, large format displays, and touch interactivity, Planar offers terrific visualization solutions for a variety of demanding vertical markets around the globe. Planar products are featured in many Bowen installations that are discussed in today's workshops.

Presenter: Neil Silber, Regional Manager, Great Lakes, Planar Systems

"How to Design a Modern Immersive Theater or Immersive Exhibit"

Workshop W-6

2:30-3:10

So, you are thinking of adding a planetarium/immersive theater to your place. This workshop details the start-to-finish process of designing, bidding, installing and staffing a domed or curved screen immersive theater with applications for immersive experiences in astronomy, earth sciences, local history, art history archaeology, mythology and storytelling. Case studies include the new University of Michigan Museum of Natural History and Embry-Riddle Aeronautics University Planetariums.

Panelists: Mark Trotter (Bowen), Phil Groce (HPS, Helping Planetariums Succeed), Josh Vacca (Smith Group Architects)

"Can You Repeat the Question?"

Workshop W-7

3:15-3:45

During tours and other live presentations (such as in domes) it is often difficult for audience members AND panelists to hear audience questions without shouting above acoustics or general visitor noise. We will demonstrate new reusable systems that solve this problem with minimal fuss and cost. This features a new product just now hitting the street!

Panelists: Matt Rosenfeld (Bowen), Kasey Kaumens (Listen Technologies)

Continued on next page.

Bowen Technovation

designers of electronic media

"Saving Footsteps... Master Control Systems for Multiple Exhibits"

Workshop W-8

3:50-4:30

All exhibit systems need to be controlled, even it is just to start playing a video when turned on. Very simple locally-based interactive and automated control of exhibit audio-video-lighting is explored using very simple methods and well as global museum wide master control systems with docent overrides and automated daily startup/shutdown.

Presenters: Matt Rosenfeld (Bowen), Eric Cantrell (Medialon)

The Big Show

5:00-6:00

See how a dome theater can be used not only for spectacular science visualizations, but also can be canvas for high-energy, revenue generating public shows. This features COSI VJ (video-jock) Ty Owen.

Our Sponsors

LEYARD

Lunch Sponsor. Thanks!

PLANAR

ASTRO-TEC
MANUFACTURING INC.

AM Break Sponsor. Thanks!

DIGITAL
PROJECTION
Precision Displays for Every Venue

Bowen Technovation
designers of electronic media
AM Breakfast Sponsor.

Listen
www.ListenTech.com

MEDIALON

Panasonic

BARCO

Klipsch


ATLONA
Connecting Technology