



Middle Atlantic Planetarium Society Conference 2016



Wed-Sat, July 27-30, 2016

“Innovate, Imagine, Inspire – Taking a New Approach”

Hosted by the James E. Richmond Science Center in Waldorf, MD

Dear MAPS Member,

The James E. Richmond Science Center invites you, MAPS friends and colleagues, to join us July 27-30, 2016 in Waldorf, Maryland for what will be an historic conference. The meeting will be a great time of camaraderie and professional development, plus the chance to shop, dine, and discover many local historic sites. The local community is rich in history and diversity. Charles County is great to visit if you would like to bring your family!

Generous support from our sponsors has again allowed a low registration cost. The full registration is \$150 before June 10th. We encourage you to take advantage of their support and expertise by joining us in the rich cultural region of Charles County and Waldorf, Maryland this summer.

As this year's program comes together, we already have several exciting talks and workshops lined up that take advantage of the conference's location being relatively close to DC and NASA Goddard. Invited speakers will present about NASA's ability to explore our solar system, using educational materials from NASA in and out of your planetarium, and updates from *New Horizons* just over a year after its flyby of Pluto!

Additionally, workshops will include how to set up a “Live From the Sun” teacher workshop at your site, and “Getting Ready for the 2017 Total Solar Eclipse” presented by Charles Fulco, a representative from the International Astronomical Union's working group on solar eclipses. As is tradition, the MAPS annual banquet will be highlighted by the Margaret Noble Address. This year's address will be presented by Steve Russo, Director of the East Kentucky Science Center and Planetarium in Prestonsburg, Kentucky.

We hope that you will also submit a proposal to submit information as a talk, mini-lesson, workshop, poster, or panel discussion. Remember that even with numerous listserv discussions available, they cannot replace the face-to-face interactions that make our yearly conferences so important.

Registration is due by **June 10th** by mail or online through the MAPS web site at www.MAPSplanetarium.org, but early registration and submission of presentation proposals is appreciated and encouraged. We hope to see you in Waldorf in July!

Monique Wilson
Director, James E. Richmond Science Center
Conference Host

& Your MAPS Executive Board

Host Facility:

The James E. Richmond Science Center is a focal point of St. Charles High School. The science center includes a state-of-the-art 60-foot diameter, 184-seat Digital Dome Classroom, a 6-foot diameter NOAA Science On a Sphere[®], and an experiential learning center, or Discovery Lab. The Digital Dome Classroom raises the level of science and math curricula, as well as provides learning opportunities in other subjects and fine arts. The Science On a Sphere[®] allows students to study the impacts of specific environmental scenarios, such as storms, climate change and ocean currents, on Earth and the atmosphere. Field trips also include related hands-on activities in the experiential learning center. Along with field trips for school groups, the Science Center hosts community and family events on weekends and evenings.



James E. Richmond Science Center (located inside of St. Charles High School)
5305 Piney Church Road
Waldorf, MD 20602
301-934-7464 www.ccboe.com/sciencecenter

Directions to James E. Richmond Science Center from I-95:

Stay in the left two lanes and take 495 towards Richmond. After staying on 495 for approximately 20 minutes, take Exit 7a towards Waldorf (left lane). Stay on Rt. 5/301 for approximately 20 minutes until you reach Billingsley Road. Make a left onto Billingsley Road and then a right onto Piney Church Road. Regency Furniture Stadium will be on your right.

Host Hotel:

Hilton Garden Inn
10385 O'Donnell Place
Waldorf, MD 20603
240-222-0000

When making reservations, mention the MAPS Conference for the conference rate of \$139.00. Reservations must be made by July 4, 2016. Space is limited.



Directions to hotel from I-95:

Stay in the left two lanes and take 495 towards Richmond. After staying on 495 for approximately 20 minutes, take Exit 7a towards Waldorf (left lane). Stay on Rt. 5/301 for approximately 15 minutes until you reach Smallwood Drive West. Turn right and hotel will be on your right.

Participate and Contribute:

There are four ways to bring your talent and unique experience to the stage at the 2016 MAPS conference.

Paper Talks are scheduled in 15-minute time slots. Talks allow the short presentation of any topic that lends itself to publication as a research or topical article. A written document suitable for publication must be submitted prior to the start of the conference. Presenters should allow time at the end for questions, and they may have hand-outs for the general group. These talks can involve a PowerPoint presentation, video and/or use of planetarium equipment and are sometimes presented as a **planetarium mini-lesson**.

Poster Presentations are displayed for most of the conference with time scheduled for authors to present material to interested delegates. Some subjects are better presented with posters or display boards, hand-outs, and one-to-one conversation.

Workshops are longer, 45 and 90 minute engaging sessions, scheduled concurrent with other workshops, when small groups explore specific subjects together with a leader. Workshops engage participants interactively and can include make-and-take activities, introductions to tools and methods, or explorations of specific topics and problem solving in planetarium development and operation. Vendor-conducted workshops are an option for sponsors in accord with sponsor guidelines.

Panel Discussions allow a delegate to organize several people to serve on a panel to address complex or controversial topics. Panel discussions are presented to the entire conference body and will entirely fit within a 30 minute time slot. Submit proposals only after confirming the members who will sit on the panel

Feel free to address any questions about the proposal of a presentation or the process to the MAPS Program Committee Chair at planetarium@buffalostate.edu

A common proposal form for the various presentation types is enclosed, and the Program Committee welcomes one or more with your registration. To help with scheduling, you may send them ahead of your registration to planetarium@buffalostate.edu and pxts13@yahoo.com

Please note that a written version of your presentation must be sent electronically to the program committee at planetarium@buffalostate.edu by the start of the conference.

Conference attire:

Weather in July 2016 will likely be hot and humid. Although all facilities are climate controlled, conference attire is generally work day/summer casual. Many choose semi-formal / coat-and-tie dress for the banquet Friday night.

Contacts and Important Deadlines:

**Mailing and Shipping Address
for Conference Host**

James E. Richmond Science Center
5305 Piney Church Road
Waldorf, MD 20602

Reserve hotel rooms: July 4, 2016

Remember to ask for MAPS rate of \$139

Hilton Garden Inn
10385 O'Donnell Place
Waldorf, MD 20603
240-222-0000

Registration due by June 10, 2016

Mail:

Patty Seaton, Planetarium
Howard B. Owens Science Center
9601 Greenbelt Road
Lanham-Seabrook, MD 20706
Email: pxts13@yahoo.com

Online (using PayPal):

www.MAPSplanetarium.org

MAPS Program Committee Chair

Kevin Williams
Email: planetarium@buffalostate.edu



apod.nasa.gov image #0604

2016 Margaret Noble Lecture by Steve Russo

How I Got Here, From There, With A Little Help From My (Planetarium) Friends!



East Kentucky Science Center Director Steve Russo never wanted to do anything as a career but stand behind a planetarium console and teach people about the sky. But the places he worked in, and the people he met along the way, helped him move in the direction where he ended up today. Take a journey through the last four decades and see how those facilities and people molded his career, and how it relates to all of us in the planetarium field.

Preliminary 2016 MAPS Conference Schedule

Wednesday, July 27

- | | |
|-----------|---|
| Afternoon | Hotel check-in & Conference registration |
| Evening | Reception at the James E. Richmond Science Center (JERSC)
Planetarium Program Showcase 1 |

Thursday, July 28

- | | |
|-----------|--|
| Morning | Breakfast at JERSC, Delegate talks, Vendor Hall open |
| Afternoon | Lunch with invited speaker, Workshops, Vendor demonstrations,
Poster presentations, Vendor Hall open, Group photo |
| Evening | Dinner at Southern Maryland Blue Crab Stadium w/speaker
Planetarium Program Showcase 2 |

Friday, July 29

- | | |
|-----------|---|
| Morning | Breakfast at JERSC, Vendor talks, Vendor Hall open,
Meditation in the Dome, Vendor demonstrations |
| Afternoon | Lunch with invited speaker, Vendor Hall open until mid-afternoon,
2017 Solar Eclipse workshop, Delegate talks, MAPS Business Meeting |
| Evening | Cocktail Reception and Conference Banquet (Hilton Garden Inn)
2016 Margaret Noble Address by Steve Russo |

Saturday, July 30

- | | |
|-----------|---|
| Morning | Breakfast at JERSC, Delegate talks, Workshops |
| Afternoon | Lunch, Door Prizes, and Closing Remarks |

Samples of already-scheduled talks:

“Seeing our Worlds as only NASA can!” – Maurice Henderson, NASA Goddard
Using NASA educational materials in your planetarium – presenter from the NASA Office of Education
An Update from the *New Horizons* Team – presenter TBD

Samples of already-scheduled workshops:

“Getting Ready for the 2017 Total Solar Eclipse” – Charles Fulco
“What can I do with all these slides?” – Kevin Williams
“Flip Your Dome” – Susan Button

*Descriptions of more invited talks and other workshops will be posted on the
MAPS web site as information becomes available.*

Middle Atlantic Planetarium Society Conference 2016
 Waldorf, MD - July 27-30, 2016 - "Innovate, Imagine, Inspire - Taking a New Approach"
Conference Registration due June 10, 2016

Conference Attendee Information

Name: _____	Title: _____
Company/Facility: _____	
Address: _____	
City: _____	State: _____ Zip: _____
Phone: _____	E-mail: _____

Check if applicable: 1st MAPS conference MAPS Fellow

Section 1: Full Conference Registration due June 10 (\$150/pp) \$ _____
(includes Wednesday reception, all meals on Thursday and Friday, and Saturday breakfast and lunch)

Late Registration Fee (\$40 required after June 10) \$ _____

sub-total section 1 \$ _____

Section 2: Partial Conference Registration due June 10

Thursday only (includes breakfast, lunch and dinner) \$75	\$ _____
Friday only (includes breakfast, lunch and banquet) \$110	\$ _____
Saturday only (includes breakfast and lunch) \$40	\$ _____
Late Registration Fee (\$40 required after June 10)	\$ _____

sub-total section 2 \$ _____

Section 3: MAPS Dues

\$25/pp. Pay only if NOT already paid through 2016 \$ _____

sub-total section 3 \$ _____

Section 4: Guest (meals only, MAPS dues not required)

Name of Guest: _____

Wednesday (evening reception) \$25	\$ _____
Thursday only (includes breakfast, lunch and dinner) \$50	\$ _____
Friday only (includes breakfast, lunch and banquet) \$95	\$ _____
Friday banquet only \$70	\$ _____
Saturday only (includes breakfast and lunch) \$25	\$ _____

sub-total section 4 \$ _____

Section 5: Total Cost

Sub-total Section 1	\$ _____
Sub-total Section 2	\$ _____
Sub-total Section 3	\$ _____
Sub-total Section 4	\$ _____
TOTAL	\$ _____

Please see other side

Total Cost from Section 5: \$

Mail this completed form and check payable to MAPS to Patty Seaton at the address below or submit and pay for your registration online at MAPSplanetarium.org

Patty Seaton, Planetarium
Howard B. Owens Science Center
9601 Greenbelt Road
Lanham-Seabrook, MD 20706

Friday Banquet selection:

- Chicken Fish Vegetarian
 Please contact me about dietary requirements

I need a certificate of attendance

- Yes No

All conference attendees should assume their contact information will be shared with and distributed to other attendees.

- Check here to opt out of sharing your contact information

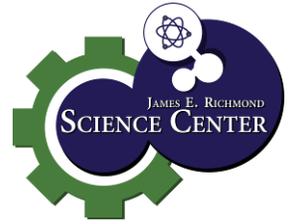
Photo release statement

LEGAL NOTICE:

By registering to attend a Middle Atlantic Planetarium Society (MAPS) conference, you grant permission to MAPS, its members and assigns to take and use your photo and video image in MAPS marketing and documentary pieces and proceedings for an indefinite period of time. Marketing and documentary pieces include, but are not limited to: printed brochures, reports, postcards, flyers, digital recordings and materials, as well as online uses such as postings on the MAPS website, online newsletters, printed and digital conference proceedings and e-mail blasts. MAPS, its members and assigns shall own all rights, including copyrights in and to the media.



Middle Atlantic Planetarium Society Conference 2016



Waldorf, MD – Wed-Sat, July 27-30, 2016
“Innovate, Imagine, Inspire – Taking a New Approach”

Proposal to Present due June 10, 2016 (with registration)

Please note that presenters must be MAPS members registered for the conference. **Presenters must also submit written documents of their presentation to the program committee no later than the start of the conference.** Details will be sent after your proposal has been accepted.

Presenter Information:

Presenter Name: _____ Presenter Title: _____

Presentation Title: _____

Company/Facility: _____

Email: _____ Phone: _____

Address: _____

Presentation type – Please check one and fill in information below and on the next pages
(Please submit a separate form for each proposal)

- Talk**
 Workshop
 Poster
 Panel Discussion
 Vendor Workshop
See Presentation Guidelines on next pages

Paper Talk Talks are 15 minutes long including time for questions.

I can present my talk on any of the following days:

- Thursday
 Friday
 Saturday

I will present a Paper Planetarium Mini-lesson

Workshop Workshops will be offered in 45 minute or 90 minute time slots.

Workshop length: 45 minutes 90 minutes **or** This is a 45 minute Vendor Workshop

I can present my workshop on any of the following days:

- Thursday
 Friday
 Saturday

I can repeat my workshop on any of the following days:

- Thursday
 Friday
 Saturday

We encourage you to present your workshop more than once to reach more attendees.

Workshop capacity: _____ people. Cost per person (if any) _____

- Workshop requires a Classroom (tables, chairs and projector provided)
 Workshop requires Planetarium Theater.

Poster Posters will be on display for most of the conference, and a specific time will be designated for authors to be present for discussion. Posters will be displayed on tri-fold poster boards, such as those used for science fairs. You may bring your poster already attached to a poster board or request a display board below. Poster board dimensions are 3 feet (36”) high and 4 feet (48”) wide.

I can present my poster on any of the following days:

- Thursday Friday Saturday

- I need a blank poster board.

- I need an additional table for handouts or similar.

Panel Discussion Panel discussions must fit in a 30 minute time slot.

The panel discussion can be on any of the following days:

- Thursday Friday Saturday

Names and affiliations of panel members:

Location of panel discussion (leave blank if it does not matter)

- Planetarium Theater Other (please specify) _____
- Classroom (tables, chairs and projector provided) Auditorium

Please fill out the information on the next page for any type of presentation.

Presenter name: _____

Equipment needed to support my presentation:

- Video projector with laptop (Windows Operating System)
- Audio speakers
- Slide projector
- DVD player
- Digital planetarium system*

Please describe needed use of the system:

- Other (Please specify - may be unavailable):

*If you are requesting use of the host system, direct questions about technical details and/or slicing fees to: **Mr. Jack Belle**, jbelle@ccboe.com.

Title of Presentation:

Please note that a written version of your presentation must be sent electronically to the program committee at planetarium@buffalostate.edu by the start of the conference.

Brief description to be published in conference program (2-4 sentences):

Please list any other special requests. (We will be in touch to coordinate if request is possible.)

Presentation Guidelines

All presenters must be MAPS members unless invited by the program committee.

Talks:

- Presentations are scheduled in 15 minute slots.
- Presenter should allot time for questions within the 15 minutes.
- Talks may be a presentation on a topic (often using PowerPoint slides) or a planetarium mini-lesson, which may make use of the host facility's planetarium equipment.

Workshops:

- Presenter provides all presentation and/or hand-out materials.
- Presenter is expected to adhere to the published time allotment.
- Workshops may not be used to represent vendor-specific services, (e.g. proprietary equipment training) or as sales presentations.
- Vendor Workshops can be used to demonstrate products and commercial activities. These usually will run concurrently with other workshops for 45 minutes and require sponsor support as described in the sponsor guidelines.

Posters:

- Posters will be science fair style posters using 3 feet tall by 4 feet wide tri-fold poster boards.
- If you requested a blank poster board, you may pick it up at the registration table. You must provide your own adhesive materials.
- Please check at the registration table for instructions on how, when, and where to set up your poster exhibit.
- Clearly display your name, facility, and contact information on your poster so delegates may follow up on your work.
- We encourage you to provide at least 100 copies of a handout related to your exhibit for MAPS members to take home.
- Poster sessions MAY NOT be used to make sales presentations.

Panel Discussions:

- Presenter listed on this proposal form is responsible for organizing and getting commitments from panel members before submitting this form.
- Panel discussion is limited to 30 minutes including time for questions.
- Panel topics should be complex or controversial and of interest to the MAPS membership.