Livefest will take place at the Lincoln Elementary School gymnasium, cafeteria, and the ESSL.

The day's events will begin at 8:00 a.m. with a light breakfast and registration. Lunch is provided. The following programs and activities will be presented throughout the day. This event does not require registration. At this time we have 30 people attending. If you can arrive early for the MAPS conference, please join us.

StellarLunar

Greg Anderson
greg@cosmic-adventures.com

"StellarLunar" is an activity written by Karrie Berglund of Digitalis Education Solutions, designed for an audience of upper elementary students. In the activity, students are first briefly introduced to the night sky, and instructed how to determine direction in the dome using the North Star.

Attention then turns to the moon. Students are asked to determine the current phase. Then the moon is magnified, and the challenges of determining the phase while the moon is not magnified are discussed.

Spice Up Your Presentations

Stephen Berr
sberr@bee.net

Steve will share some unique ideas/activities that he has gathered through years of teaching interactive lessons. For example, he will provide a chart that allows you to build a scale model of the Solar System using the standard sized portable dome as your model Earth or Sun.

Styles and Stages: Exploring How People Learn

Susan Button
sbuttonq2c@gmail.com

During this workshop we will examine stages of learning and learning styles. Participants will brainstorm ideas, targeting different stages and styles, that can be applied in planetariums or in other educational settings.

Light Trespass

Francine Jackson
francine_jackson@brown.edu

One of the more important parts of our profession is the awareness of the night sky; unfortunately, we are deluged with excessive light. Francine's presentation will be a reminder of our need to inform the public on proper lighting techniques, and apparent resultants of light excess.

Earth's Changing Seasons

Paul Krupkinski
mobiledome1993@earthlink.net

Join Paul under the dome for a look at how to use a velcro horizon and meridian in a portable planetarium, when visually understanding Earth's changing seasons. SEEING is a far better and more memorable way to learn than reading about it in a text book! Notice the different rising and setting positions of the Sun, changing altitude at solar noon, and changing duration of insolation (differing length of day) using labels, directions, and pictures along the velcro horizon. During this workshop, each Planetarian will notice, predict, observe, and visually understand the effect of our tilted planet.

Bonus: If time allows, see how quickly and smoothly a low tech planetarium could add a hi-tech component to any planetarium lesson.

Explorers of Polynesia

Ken Miller
gotousa@earthlink.net

During this workshop participants will learn (or re-learn) two activities from the "Explorers of Polynesia" released 16 years ago. A group dynamic using star charts builds a "whole-sky model", and North Star observations help the group navigate 3,000 miles of open ocean to "live or die" as navigators

Resources for Classroom Teachers

Kristen Senise
kmru@cox.net

Classroom teachers can take advantage of workshops, resources and even use portable planetariums to enhance their STEM curriculum. We will discuss the most effective ways to support classroom teachers and encourage teachers to support themselves through training, readily available materials and equipment.

Backwards Design and the Next Generation Science Standards

Kim Small
kimjsmall@juno.com

Participants of this workshop will examine the process of “Backward Design,” that is designing a lesson or curriculum by starting with goals and assessments first. We will pick a topic or two from the Next Generation Science Standards and discuss different techniques that we all use or might consider using to teach it.