



MICHIANA

ASTRONOMICAL SOCIETY

Star Party 8

May 6 – 8, 2016

Program Schedule

FRIDAY

- 3:00** Camp set up begins
Supper on your own
- 7:00** Informal talks by the fireplace in the pavilion
- 8:30** --Observing
--Green laser constellation hunts

SATURDAY

- 11:00** **SPEAKER** (in new pavilion)
Dr. Mitchell Wayne*
Topic: **The Higgs Boson**
- 12:00** **Lunch** –Hot dogs, soft drinks
chips available in fireplace pavilion
- 1:00** **SPEAKER** (in new pavilion)
Matthew Linke*
Topic: **Humans as Space Explorers**
- 2:30** **SPEAKER** (in new pavilion)
David Fuller*
Topic: **Night Matters: Shifting the Light at Night Conversation**

- 3:30** Raffle, Door Prizes
4:00 Group Photo

NEW! **ASTRONOMY BOWL**
Supper on your own

***Speaker information is on the back of this schedule.**

SATURDAY ACTIVITIES

for kids of all ages

9:00 a.m. - 6:30 p.m.
Yard games and planetary disc golf available. On-your-own

10:00 - 11:30 (Fireplace pavilion)
Organized astronomy activities

4:00 - 6:00 (Fireplace pavilion)
water bottle rocket building and launching

ALL DAY – HIKING AND OTHER ON-YOUR-OWN PARK ACTIVITIES AVAILABLE

SUNDAY

9:30 – 11:00

Break Camp and Clean Up

Please plan to help!

Thanks for coming!



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SPEAKERS

SATURDAY 11:00 MITCH WAYNE

Mitchell Wayne is a Notre Dame professor of physics specializing in experimental particle physics. He also is the principle investigator of QuarkNet, a renowned national physics education and outreach program. His research is currently focused on the CMS experiment at the Large Hadron Collider in Geneva, Switzerland. Professor Wayne is particularly interested in new techniques for particle detectors and in searches for physics beyond the “standard model.”

Topic: The Higgs Boson: Have we finally discovered the “God Particle?”

In July 2012, physicists in Geneva, Switzerland announced the discovery of a new elementary particle—the Higgs boson, commonly referred to in the press as the “God Particle”. This talk reviews the history of particle physics, how this discovery was made, and why it is so significant.

SATURDAY 1:00 MATTHEW LINKE

Matt Linke has spent most of his nearly 30 years as a Planetarium educator at the University of Michigan Museum of Natural History. In 2015, he was named a Fellow of the Great Lakes Planetarium Association, in which he serves as State Chair for Michigan.

Topic: Humans as explorers, Earth and Mars, and the book *The Martian*

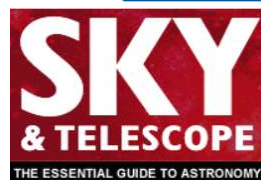
Humans have been explorers as long as we have been human. This talk looks briefly at our exploration of two worlds, Earth and Mars, and the parallels between the two explorations. Visual, humorous, and thought provoking, we examine a story millions of years in the making.

SATURDAY 2:30 DAVE FULLER

David Fuller is producer of *Eyes on the Sky*, a YouTube channel with informative “how-to” videos for observing the night sky, using telescopes, and lessening light pollution. Dave is actively involved in Chicago-area astronomy outreach efforts and works with several groups dedicated to light pollution reduction. Dave enjoys empowering people to learn about what they can find and see in the night sky, as well as how to use their optical instruments to maximum effectiveness.

Topic: Night Matters: Shifting the Light at Night Conversation

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