

Welcome!

R. Tayloe
IU physics department
4/08/24

Eclipse '24 Workshop at IU

April 8, 2024

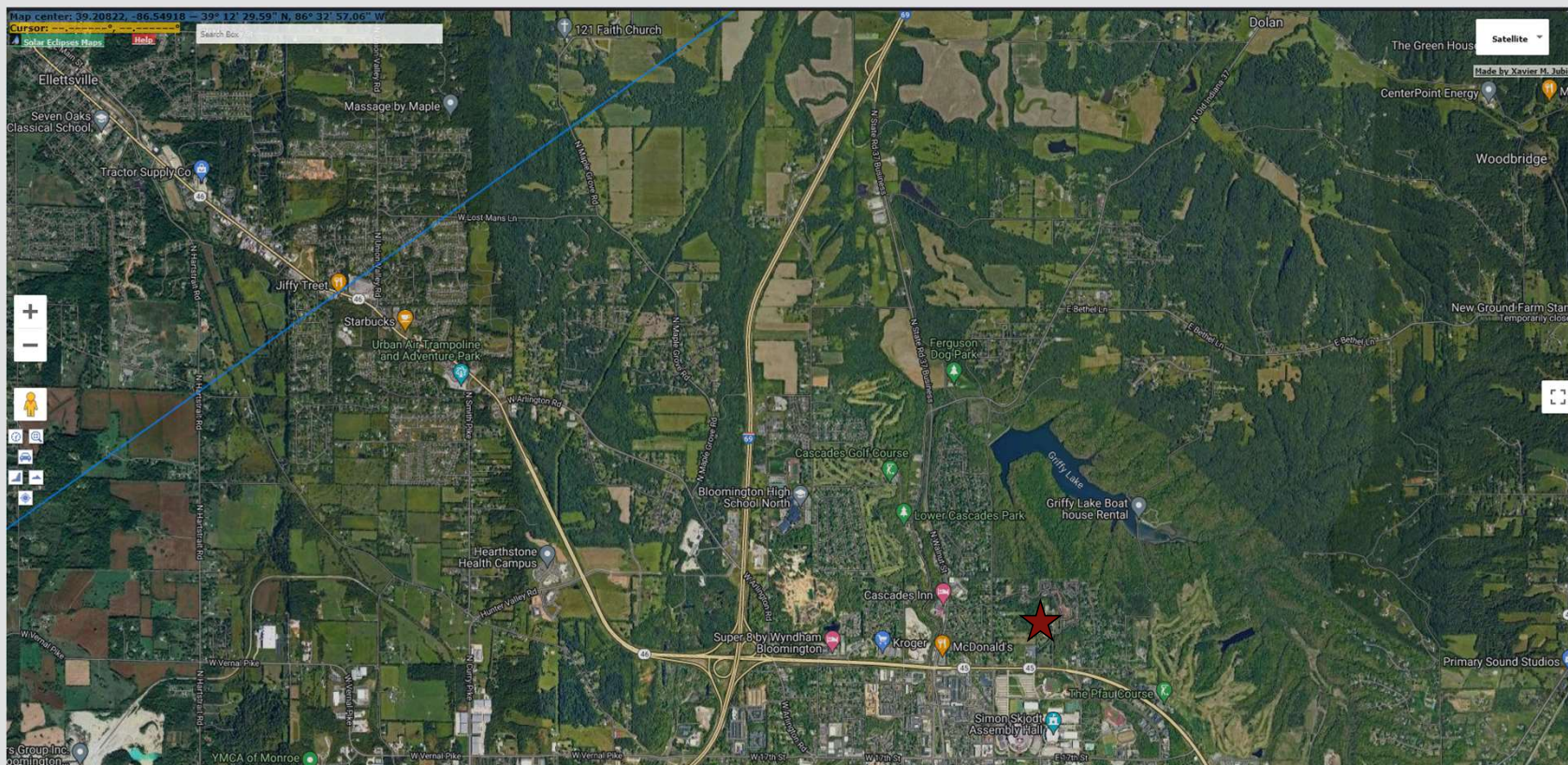
Multidisciplinary Engineering & Sciences Hall
2401 N. Milo B. Sampson Lane, Bloomington, IN 47408

- Introductions
- Zoom connection. Greetings people on zoom! Put any questions in chat. We have people helping to moderate.
- Thanks for coming! Science is important and you are important to science, keep teaching, learning and spreading the word.
- “Thank you” to
 - IU Center for Exploration of Energy and Matter (CEEM), IU Dept. of Physics, IU Dept. of Intelligent Systems Engineering (ISE), Oak Ridge National Lab, and National Science Foundation.
 - IU CEEM staff ! In particular, Ellie Roach for great work organizing this workshop.



Right on the path of totality!

- Within ~2 miles from the center!



Program

Timetable

Mon 08/04

Print PDF Full screen Detailed view Filter


09:00	Demo Setup & Arrival <i>Multidisciplinary Engineering & Sciences Hall</i>	09:00 - 09:30
	Introductions, and Workshop details - Rex Tayloe, Indiana U. <i>Multidisciplinary Engineering & Sciences Hall</i>	Rex Tayloe 09:30 - 09:45
	Welcome - Scott Wissink, Indiana U. <i>Multidisciplinary Engineering & Sciences Hall</i>	Scott Wissink 09:45 - 10:00
10:00	Presentation: Eclipse Science: The Three Most Important Discoveries in History - Matt Caplan, Illinois State U. <i>Multidisciplinary Engineering & Sciences Hall</i>	Matt Caplan 10:30 - 11:00
	Presentation: Exoplanets - Anya Nugent, Northwestern U. <i>Multidisciplinary Engineering & Sciences Hall</i>	Anya Nugent 10:30 - 11:00
11:00	Short Break <i>Multidisciplinary Engineering & Sciences Hall</i>	11:00 - 11:10
	Presentation: STEM education in Secondary Education - Spencer Perry, Indiana U. <i>Multidisciplinary Engineering & Sciences Hall</i>	Spencer Perry 11:10 - 11:40
	Presentation: Neutrinos as Messengers from the near and far Universe - Anne Schukraft, Fermilab <i>Multidisciplinary Engineering & Sciences Hall</i>	Anne Schukraft 11:40 - 12:10
12:00	Lunch Break <i>Multidisciplinary Engineering & Sciences Hall</i>	12:10 - 12:30

Lunch (continued) and short (~5mins each) demo presentations
Multidisciplinary Engineering & Sciences Hall 12:30 - 13:30

Demos, discussion, observation

- Demos: telescopes of various types, exoplanets, Eddington deflection of light, AM radio transmission, cosmic ray measurement.
- Posters: these topics and more!

Start of partial eclipse
Multidisciplinary Engineering & Sciences Hall 13:49 - 13:50



Totality
Multidisciplinary Engineering & Sciences Hall 15:04 - 15:08

End of partial eclipse
Multidisciplinary Engineering & Sciences Hall 16:22 - 16:23

Multidisciplinary Engineering & Sciences Hall 13:30 - 17:00

- Talks this morning, break to get lunch, brief talks about demos/experiments over lunch, more demos, discussion, and eclipse viewing in afternoon.

More Logistics

- Bathrooms are off hallway behind large conference room.
- Front doors will remain open.
- Demos/discuss in lounge and outside.
- After totality, traffic may be tough, hang out here and chat, or slip over to Cascades Inn

See our www sites at:

- <https://ceem.indiana.edu/>
- <https://physics.indiana.edu/>

If you wish to make a donation to help support this event and our outreach/education events in general:
<https://give.myiu.org/iu-bloomington/I320003600.html>
 (Can find form our ceem.Indiana page or on flyer)

