



Welcome

- 50,000 students
- 3000 faculty, 60 in physics
- 200 physics grad students
- 2 chemistry nobels
- $\frac{1}{2}$ US astronauts



PURDUE
UNIVERSITY®

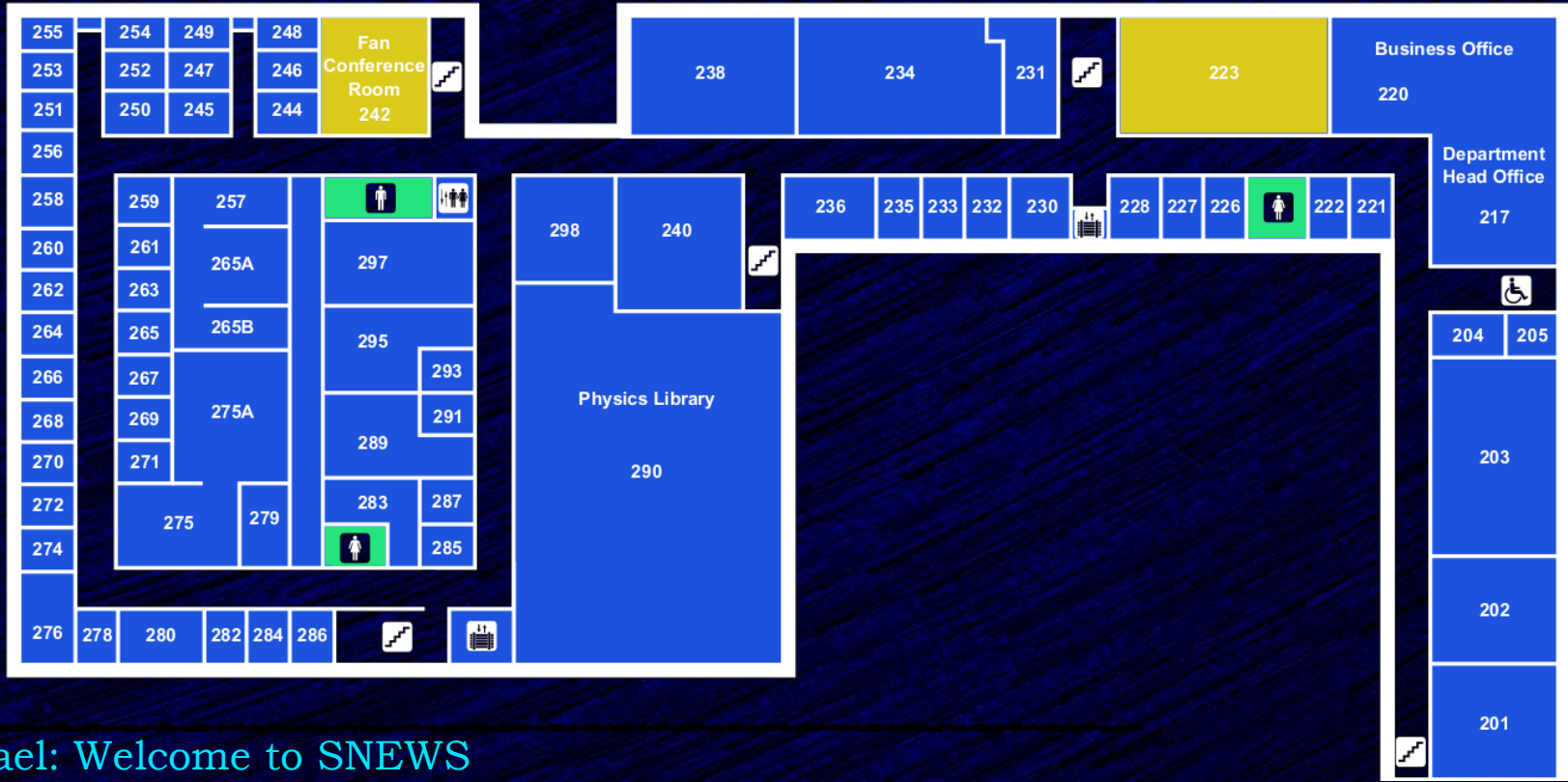


We essentially have the entire second floor to ourselves

Coffee

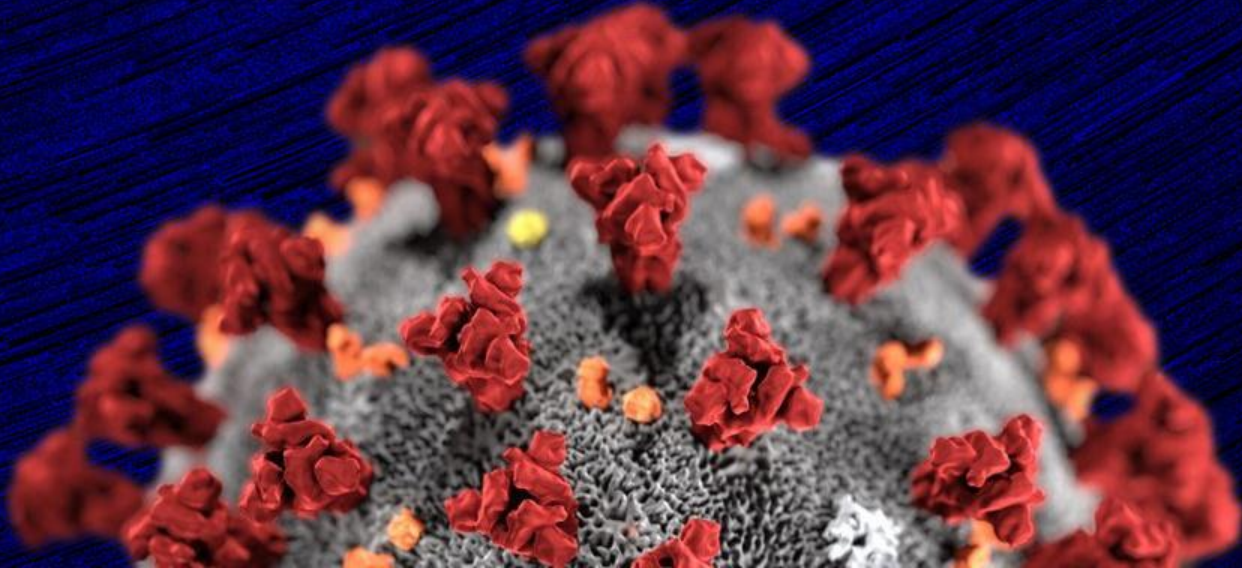


You are here



Covid-19

- No mandatory special requirements
- Please consider to wear a mask
- Please consider to use a rapid-/self test
- In case of symptoms, please remote in



Thank You



Department of Physics and Astronomy

Kristin
Deweese



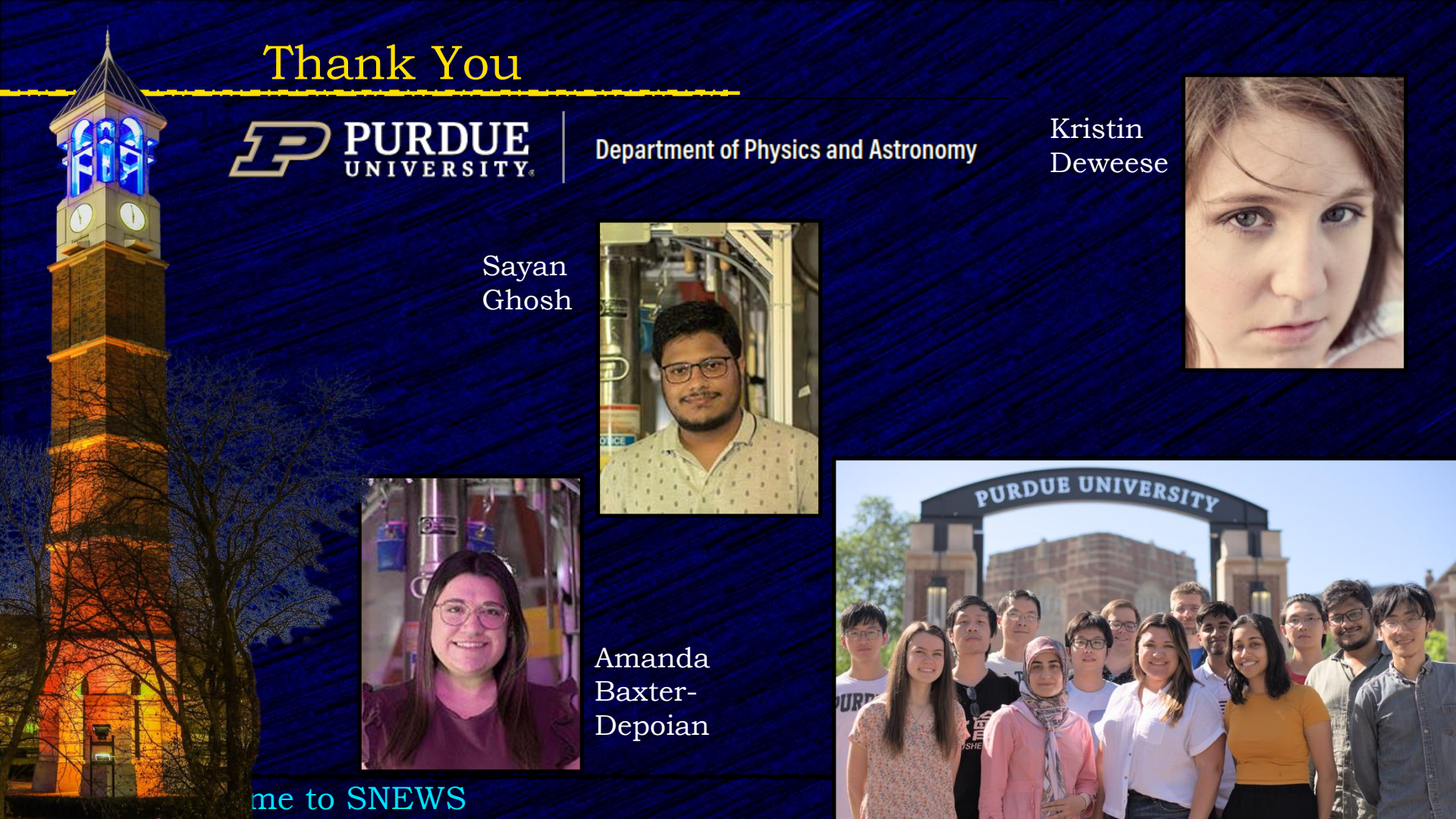
Sayan
Ghosh



Amanda
Baxter-
Depoian



me to SNEWS



Yes, I do have a lab...



Our Organization

Signal Prediction			Alert Formation			Follow-Up		
1. Supernova Modeling	2. Pre-Supernova Neutrinos	3. Detector Response	4. Implementation	5. Triangulation & Pointing	6. Fire Drills	7. Multi-Messenger Follow-Up	8. Outreach & Communication	9. Governance
Evan O'Connor Jim Kneller	Cecilia Lunardini Andrey Sheshukov	Jost Migenda Marta Colomer	Alec Habig Segev BenZvi	Kate Scholberg Jeff Tseng	Erin O'Sullivan Lindley Winslow Shunsaku Horiuchi	Danny Milisavljevic	Barry Pointon	Rafael Lang Alec Habig

Very informal... our bylaws fit on one page. Please let it be known whenever you want to contribute.

Up for
(re-)election

Question: Shall we keep our telecon routine?



OPEN ACCESS

SNEWPY: A Data Pipeline from Supernova Simulations to Neutrino Signals

Amanda L. Baxter¹, Segev BenZvi², Joahan Castaneda Jaimes³, Alexis Coleiro⁴, Marta Colomer Molla⁵, Damien Dornic⁶, Tomer Goldhagen⁷, Anne Graf⁸, Spencer Griswold², Alec Habig⁹, Remington Hill¹⁰, Shunsaku Horiuchi^{11,12}, James P. Kneller⁸, Rafael F. Lang¹, Massimiliano Lincetto¹³, Jost Migenda¹⁴, Ko Nakamura¹⁵, Evan O'Connor¹⁶, Andrew Renshaw¹⁷, Kate Scholberg¹⁸, Christopher Tunnell¹⁹, Navya Uberoi², and Arkin Worlikar²⁰
The SNEWS Collaboration

SNEWPY: A Data Pipeline from Supernova Simulations to Neutrino Signals

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EXPERIENCE REPORT

WILEY

Collaborative experience between scientific software projects using Agile Scrum development

Amanda L. Baxter¹ | Segev Y. BenZvi² | Walter Bonivento³ | Adam Brazier⁴ | Michael Clark¹ | Alexis Coleiro⁵ | David Collom⁶ | Marta Colomer-Molla^{5,7} | Bryce Cousins^{8,9} | Aliwen Delgado Orellana¹⁰ | Damien Dornic¹¹ | Vladislav Ekimtcov¹² | Shereen ElSayed¹³ | Andrea Gallo Rosso¹⁴ | Patrick Godwin^{9,15} | Spencer Griswold² | Alec Habig¹⁶ | Remington Hill¹⁴ | Shunsaku Horiuchi¹⁷ | D. Andrew Howell^{6,13} | Margaret W. G. Johnson¹² | Mario Juric¹⁸ | James P. Kneller¹⁹ | Abigail Kopec^{1,20} | Claudio Kopper²¹ | Vladimir Kulikovskiy²² | Mathieu Lamoureux²³ | Rafael F. Lang¹ | Shengchao Li¹ | Massimiliano Lincetto¹¹ | Lindy Lindstrom⁶ | Mark W. Linvill¹ | Curtis McCully⁶ | Jost Migenda²⁴ | Danny Milisavljevic¹ | Spencer Nelson¹⁸ | Rita Novoseltseva²⁵ | Erin O'Sullivan²⁶ | Donald Petravick¹² | Barry W. Pointon^{27,28} | Nirmal Raj²⁸ | Andrew Renshaw²⁹ | Janet Rumleskie¹⁴ | Tom Sonley³⁰ | Ron Tapia^{8,9} | Jeffrey C. L. Tseng³¹ | Christopher D. Tunnell^{32,33} | Godefroy Vannoye¹¹ | Carlo F. Vigorito³⁴ | Clarence J. Virtue¹⁴ | Christopher Weaver³⁵ | Kathryn E. Weil¹ | Lindley Winslow³⁶ | Rich Wolski¹³ | Xun-Jie Xu³⁷ | Yiyang Xu³² | The SciMMA and SNEWS Collaborations

Many more in the pipeline

The Story so far

Marta,
yesterday at dinner...



Well, it all works.
From the models to
simulation and
coincidence, the full
chain is operational.

Meeting Schedule

- Speakers: Please allow ample time for questions and discussions. Please repeat questions into mic
- Audience: Make use of that
- Lots of flexibility also during the breakout sessions

