Report on WIN2021

Matheus Hostert (UMN & PI)

On behalf of the Local Organizing Committee

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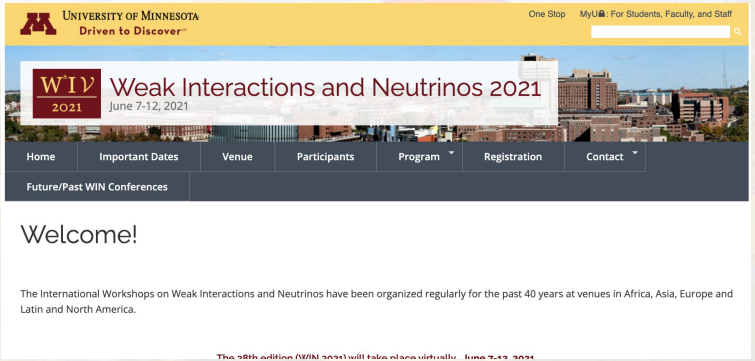
Weak Interactions and Neutrinos (WIN 2021)

WIN2021 was held online from July 7th to 12th organized by the University of Minnesota



[Indico]

[UMN website]

Topics

1. Neutrino Physics
2. Electroweak Interactions
3. Flavor and Precision Physics
4. Astro-particle Physics and Cosmology

We tried out a new format for the online version:

- **Invited plenary talks (live)**
- **Asynchronous talks (pre-recorded)**
  - **Discussion panels (live)**
- **Posters (live on gather.town)**

Instead of parallel talks, we had speakers submit their videos prior to the conference, and held live discussion sessions during the conference.

This allowed to accommodate more timezones without compromising the number of talks and student involvement.

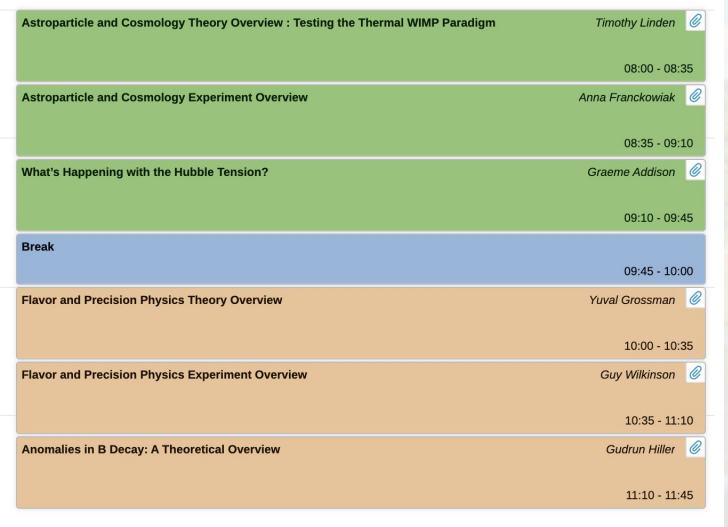
The timetable looked like:

Mon) Plenaries for topic 1 and 2

Tue) shorter plenaries + panels and posters for topic 1

Wed) shorter plenaries + panels and posters for topic 2

Same for topics 3 and 4 on Thu/Wed/Friday.



Weak Interactions and Neutrinos (WIN 2021)

Asked participants to upload to YouTube videos themselves and we appended them to our own playlists.

Main advantages:

-- formatting. Upload procedure already very well documented.

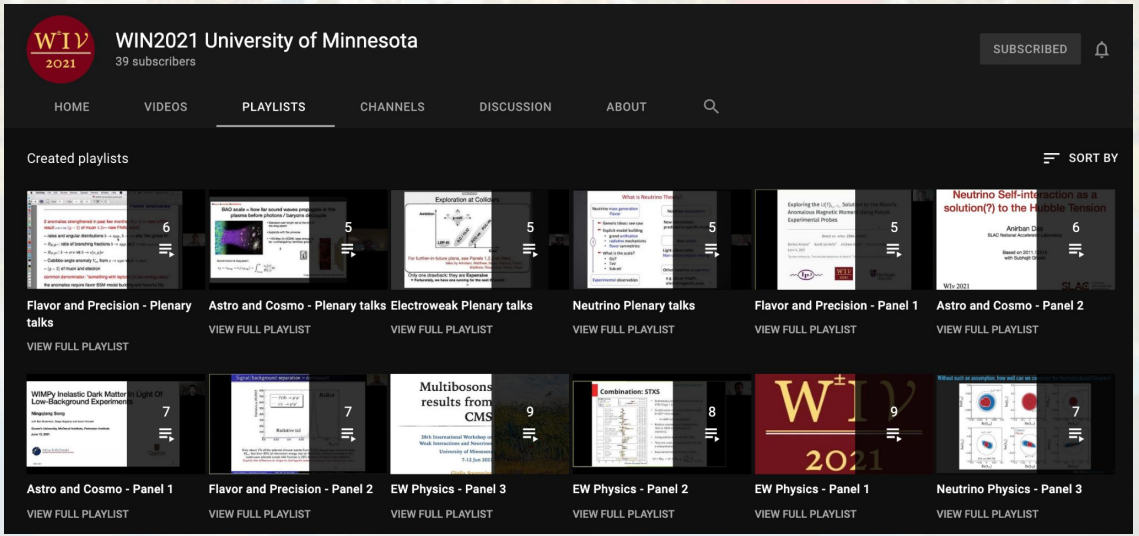
-- gives us reliable statistics

-- collects all video contributions in a single place.

Main issues:

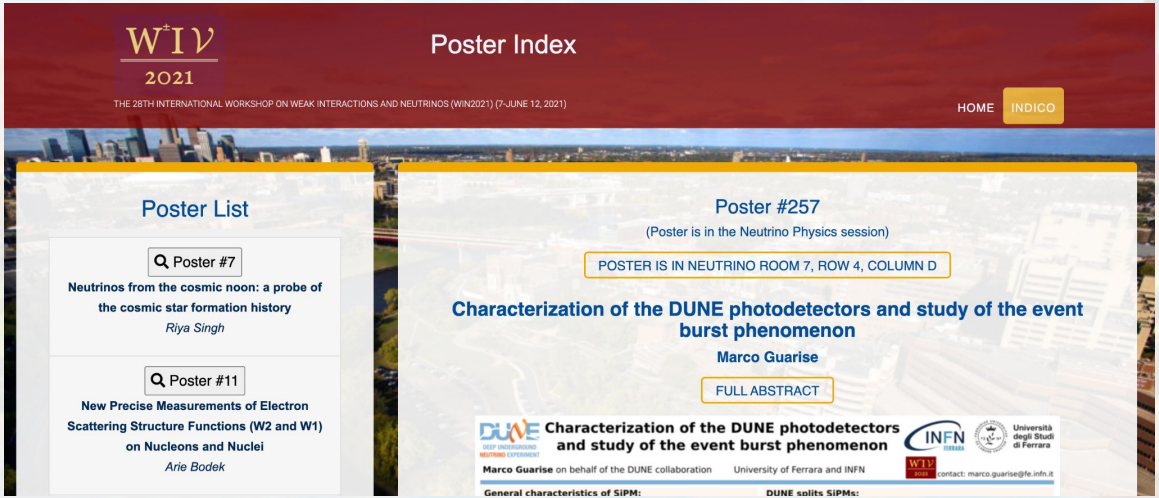
-- blocked in China. Would like to avoid commercial platform as much as possible.

-- several async talks were much longer than requested.



Weak Interactions and Neutrinos (WIN 2021)

All posters displayed on our index page (similar to Neutrino 2020):



https://www.soudan.umn.edu/win21/

Still operational. Record for the future and much easier to browse for individual contributions than Indico.

Weak Interactions and Neutrinos (WIN 2021)

On specific days, we held live virtual poster sessions on Gather.town

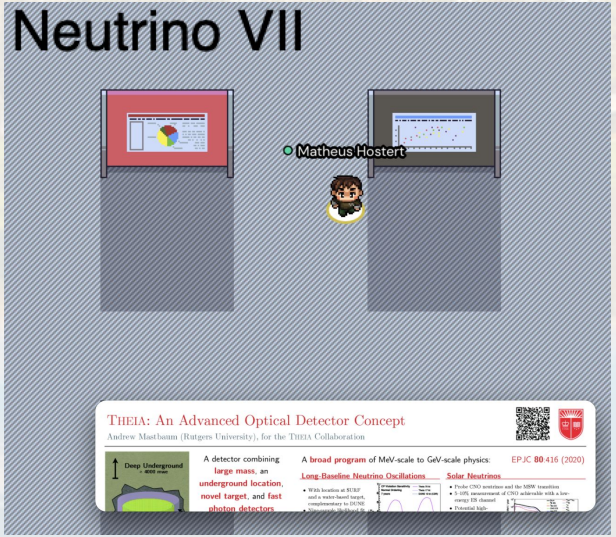
Participants could interact through text, voice and video. Only those around see your camera.

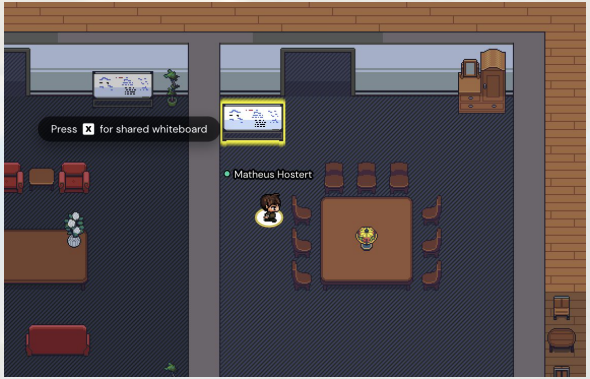
Overall received very positive feedback.

Not expensive both financially and computationally (runs on most people computers.).

Gather.town remained open for the entire week with all posters stands functional. (Still is!) **As close as it gets to social interactions in person.**

https://gather.town/app/FVpxnkkl4zSwXzVy/win2021





Weak Interactions and Neutrinos (WIN 2021)

Some numbers in engagement:

Total registrations: 984

Abstracts submitted: 305

Max simultaneous Zoom attendees: 308

Max simultaneous Gather.town users: ~130

Total YouTube views: 2280
- Total hours watched: > 160 h
- Average watch time: > 3 mins
- Playlist starts/views: 2.0

Slack members: 300

Twitter followers: >100 → Thanks Eran Moore Rea who ran a very successful twitter campaign. Lots of engagement, retweets and likes.

Some numbers on gender balance:

Attendees:

Self declared male: 542 / 984
Self declared female: 200 / 984
Other/Prefer not to say: 232 / 984

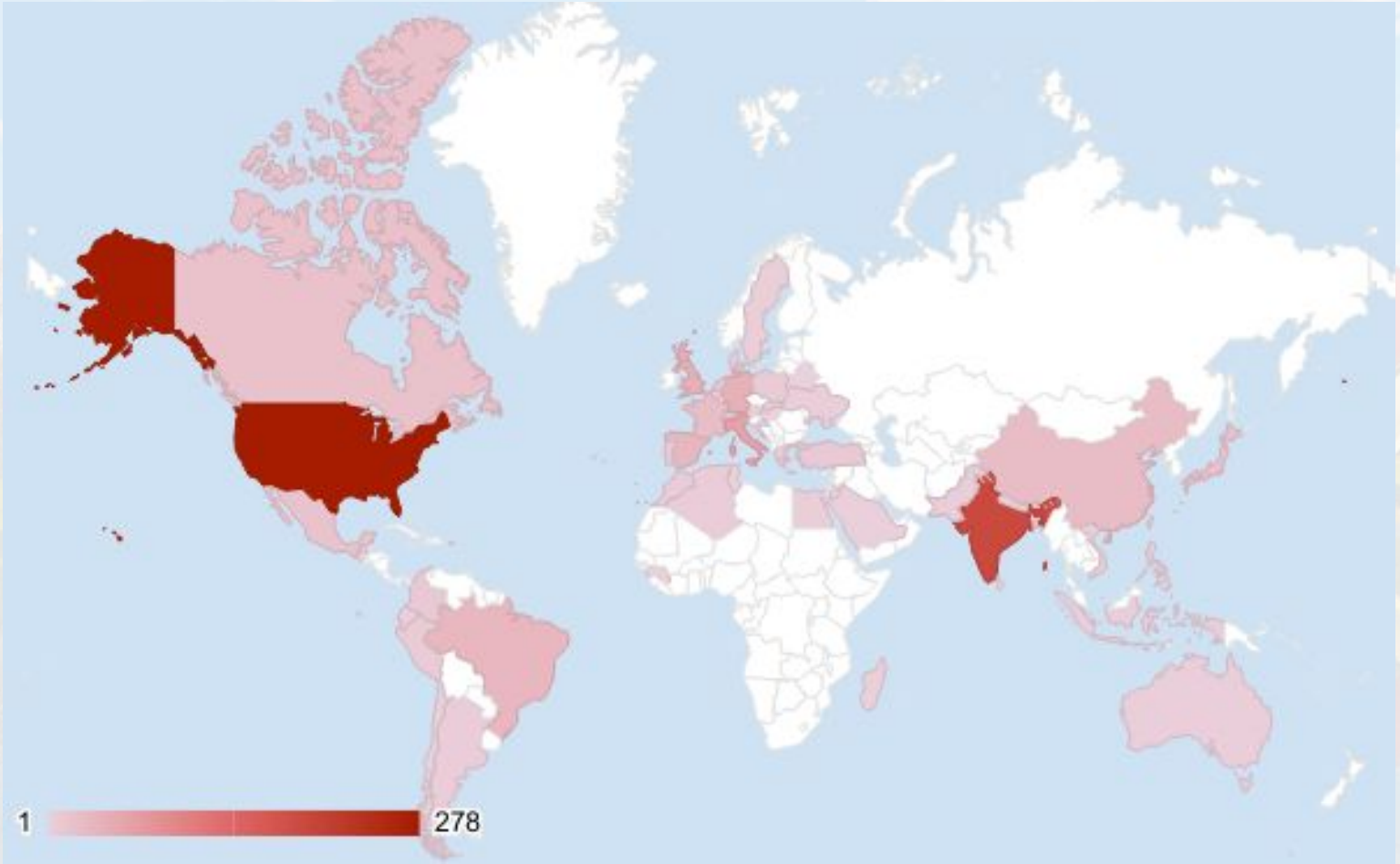
Plenary speakers:

Self declared female: 8 / 21

International advisory committee:

Female (estimate): 16 / 33

Marvin Marshak will have submitted additional numbers in the online report.



Outside USA:
706 / 984

Brazil: 35
Peru: 10
Peru: 8
Argentina: 6
Ecuador: 5
Chile: 2

Egypt: 4
Algeria: 6
Morocco: 6
Guinea: 1

India: 191
China: 27
Japan: 20
Korea: 13
...

Australia: 6

Weak Interactions and Neutrinos (WIN 2021)

Thanks to all conveners who really did the hard work:

Neutrino Physics


- Michael Wurm (Mainz)
- Peter Denton (BNL)

Electroweak Interactions


- Ian Lewis (Kansas)
- Yu Nakahama (Nagoya)

Flavor and Precision Physics


- Luca Merlo (Madrid)
- Nathan Jurik (CERN)



Astro-particle Physics and Cosmology

- Shirley Li (Fermilab)
- Alexis Coleiro (APC Paris)
- Kimberly Boddy (Texas)

W±IV 2021

Weak Interactions and Neutrinos (WIN 2021)

And to all the local volunteers:

Aaron Mislivec

Andrey Shkerin

Burke Irwin

Christopher Hilgenberg

Hajime Muramatsu

Dmitrii Torbunov

Eran Moore Rea

Matthew Strait

Raymond Co

Richard Diurba

Shaowei Wu









Thank you also to all the chairs who really made the panel sessions work.

Thank you,

Looking forward to WIN2023
Zhuhai, Macao, China.

Currently planned to be in person.
Area very active scientific.