WIN2021 closing remarks

On behalf of the Local Organizing Committee

Alec Habig
Gregory Pawloski
Marvin Marshak
Matheus Hostert

Some statistics from this week:

Total registrations: 983

Abstracts submitted: 305

Max simultaneous Zoom attendees: 308

Max simultaneous Gather.town users: ~130

Total YouTube views: 1430

Total hours watched: > 72 h

Average watch time: 5 mins

Playlist starts/views: 2.2

Slack members: 300

Twitter followers: 101 → Thanks Eran Moore Rea

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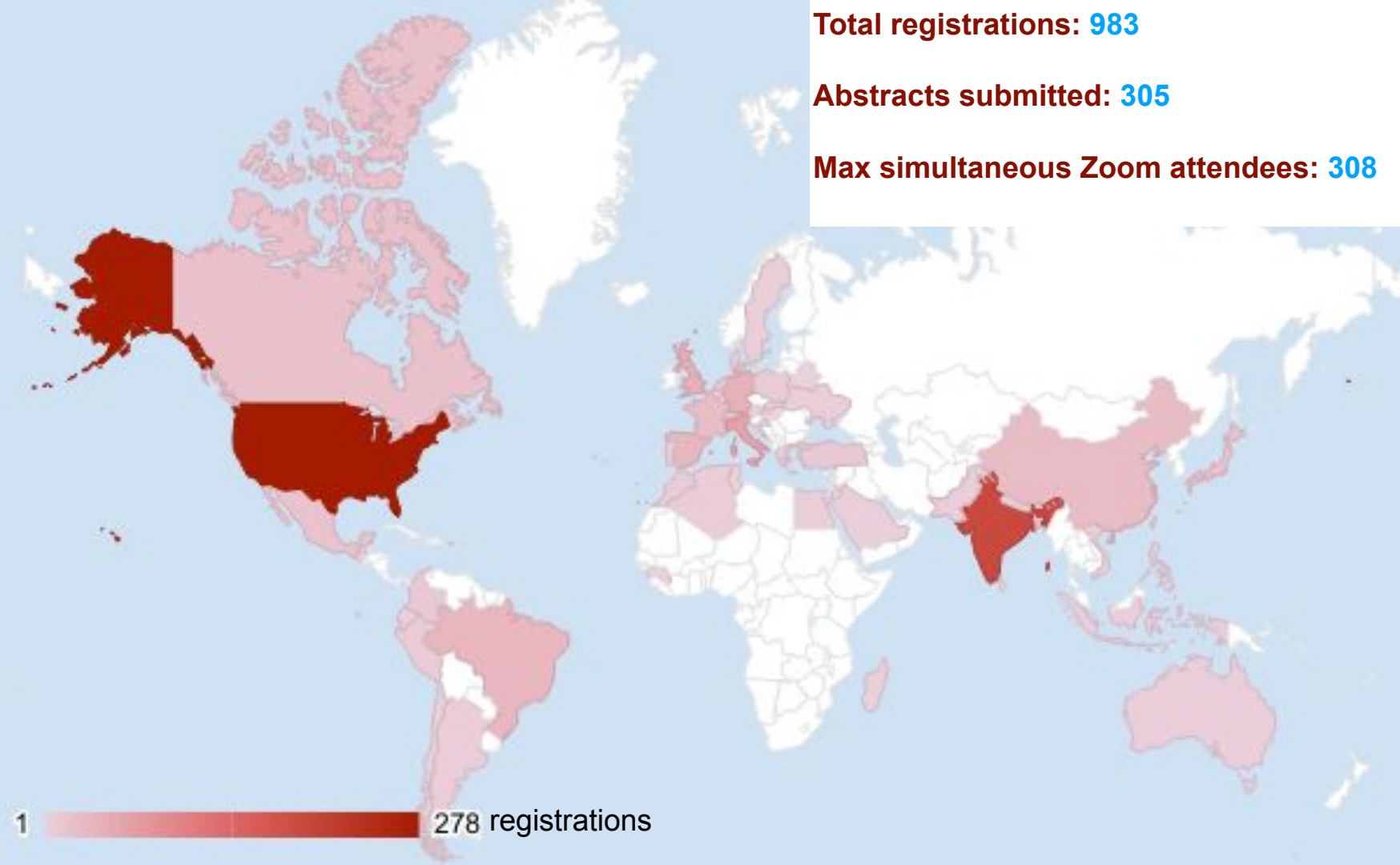


Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Gather.town will remain open for the next week.

All posters will remain in our index page:

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

Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Nonthermal hot DM from early matter dominated epoch and S_8 anomaly

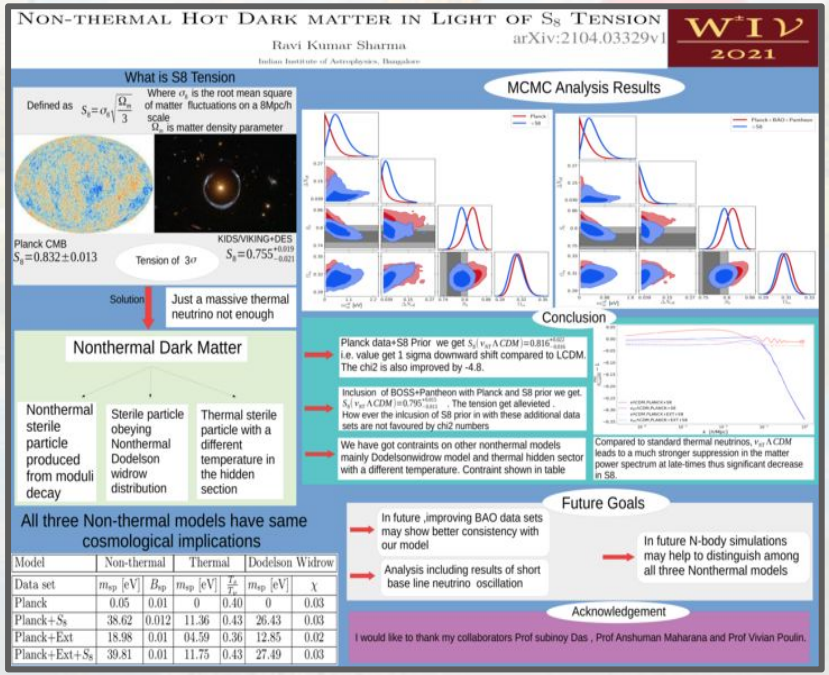
Subinoy Das, Anshuman Maharana, Vivian Poulin, **Ravi kumar Sharma**

Neutrino 1: **Ravi kumar Sharma**

Neutrino 2:

Flavor & Precision:

Astro & Cosmo:



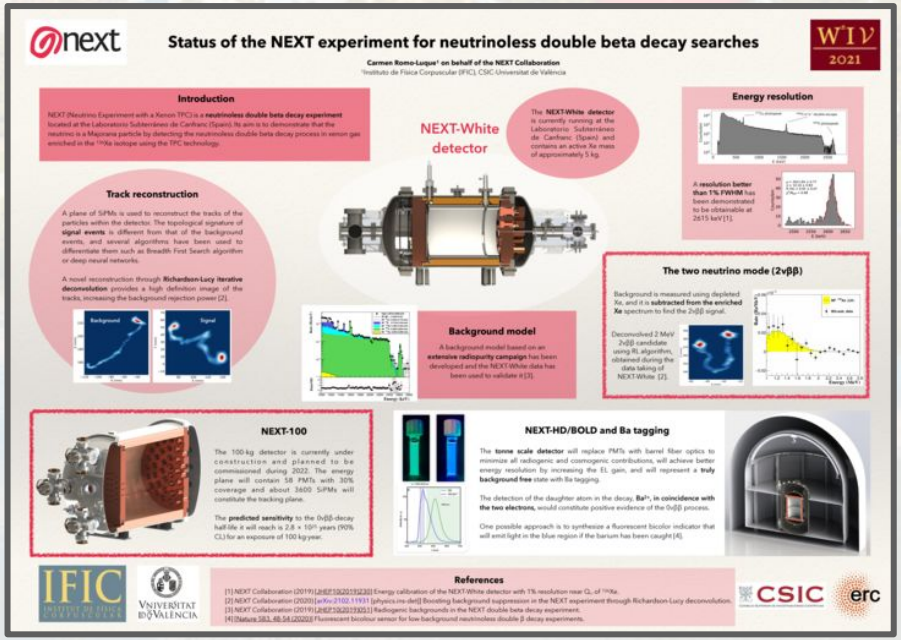
Model	Non-thermal		Thermal		Dodelson Widrow	
Data set	$m_{\rm sp}$ [eV]	$B_{\rm sp}$	$m_{\rm sp}$ [eV]	$\frac{T_s}{T_\nu}$	$m_{\rm sp}$ [eV]	χ
Planck	0.05	0.01	0	0.40	0	0.03
Planck+S_8	38.62	0.012	11.36	0.43	26.43	0.03
Planck+Ext	18.98	0.01	04.59	0.36	12.85	0.02
Planck+Ext+S_8	39.81	0.01	11.75	0.43	27.49	0.03

Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Status and Future of the NEXT experiment for neutrinoless double beta decay searches

Carmen Romo-Luque



Neutrino 1: Ravi kumar Sharma

Neutrino 2: Carmen Romo-Luque

Neutrino 3:

Flavor & Precision:

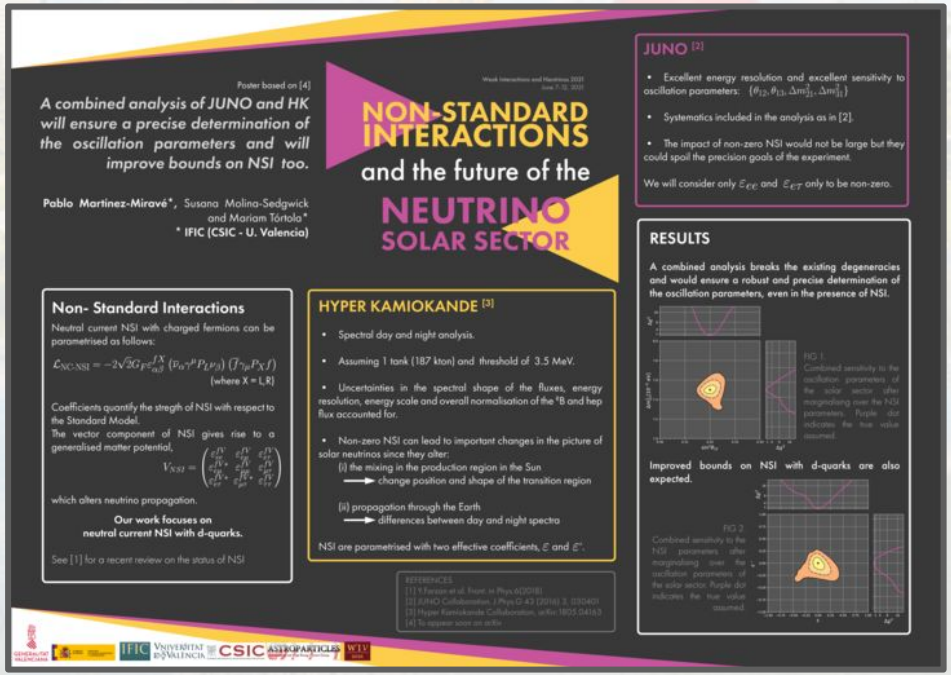
Astro & Cosmo:

Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Non-standard interactions and the future of the neutrino solar sector

Pablo Martinez-Miravé, Mariam Tórtola, Susana Molina Sedgwick



Neutrino 1: Ravi kumar Sharma

Neutrino 2: Carmen Romo-Luque

Neutrino 3: Pablo Martinez-Miravé

Flavor & Precision:

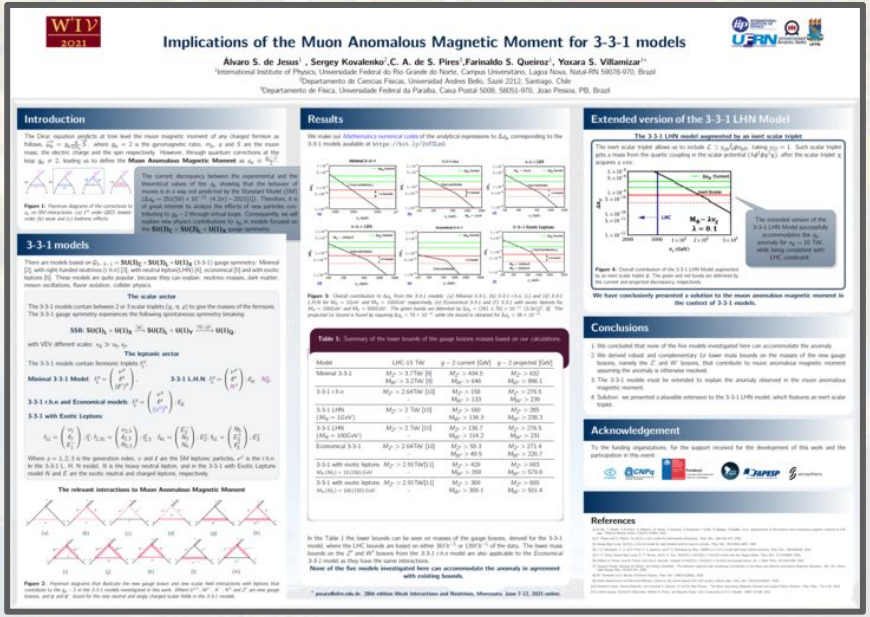
Astro & Cosmo:

Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Implications of the Muon Anomalous Magnetic Moment for 3-3-1 Models

Yoxara S. Villamizar



Neutrino 1: Ravi kumar Sharma

Neutrino 2: Carmen Romo-Luque

Neutrino 3: Pablo Martinez-Miravé

Flavor & Precision: Yoxara S. Villamizar

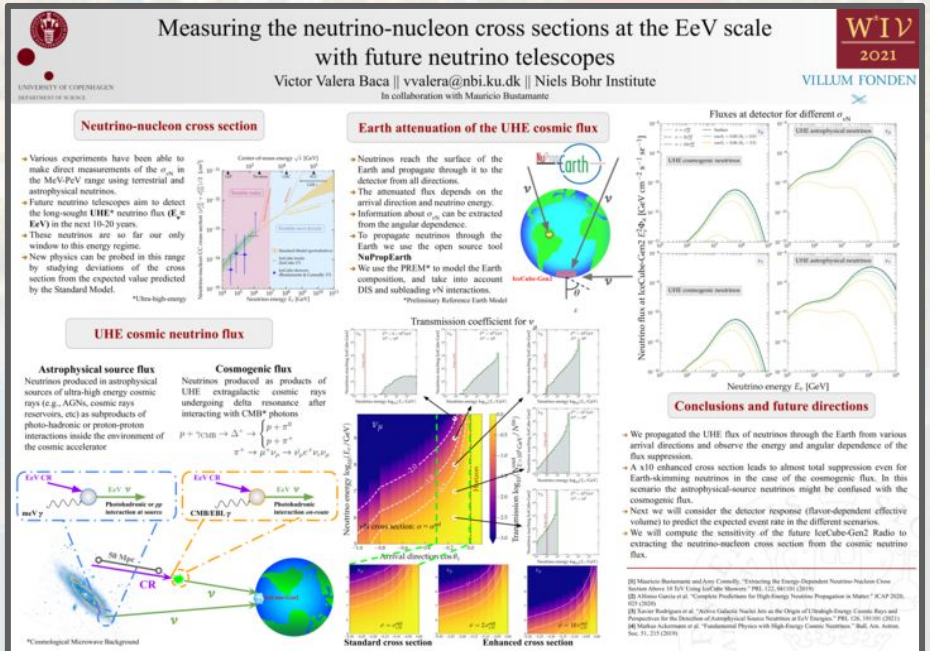
Astro & Cosmo:

Weak Interactions and Neutrinos (WIN 2021)

Poster Competition

Measuring the neutrino-nucleon cross sections at the EeV scale with future neutrino telescopes

Victor Valera Baca, Mauricio Bustamante



Neutrino 1: Ravi kumar Sharma

Neutrino 2: Carmen Romo-Luque

Neutrino 3: Pablo Martinez-Miravé

Flavor & Precision: Yoxara S. Villamizar

Astro & Cosmo: Victor Valera Baca

Weak Interactions and Neutrinos (WIN 2021)

Thank you to all conveners:

Neutrino Physics

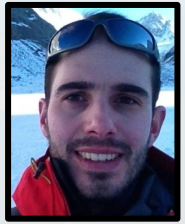
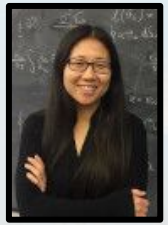
- Michael Wurm (Mainz)
- Peter Denton (BNL)

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)

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

Thank you all for watching, and hope to see you all at WIN2023