



Closing the 53rd Annual Users (Virtual) Meeting

Cindy Joe
Chair of the Users Meeting
August 13, 2020



53rd Fermilab Users (Virtual) Meeting • August 10-13, 2020

Defining the Decade

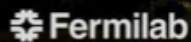
An inclusive gathering to highlight leading-edge science, celebrate Fermilab achievements and look to our future as a community

ALL community members (including non-Users) are welcome!

Please register as soon as possible at: <http://indico.fnal.gov/e/UAM20>



Cornet NEOWISE photo by Marty Murphy



Thank you!

We've had such a good time with you over the past few days!

What we hope to accomplish with this (virtual) UM

- Bringing the community **together** (including employees, far-flung users, young people, etc. and make them all feel welcome)
- **Educate** and train (Experiment talks, Introductory-level talks [NEW this year], science communication training session, scientific job panel, visa/immigration session, Black Lives Matter workshop, tours, keynote, sustainability discussion, community "People Matter" panel)
- Foster **collaboration** (Snowmass panel, networking)
- Allow **people** to present their work and advance themselves (networking, poster presentations, talks, awards)
- Celebrate **accomplishments** (talks, awards, reports from UEC, directorate, FSPA)
- Have a good time (**celebrations, Festa Italiana**, make it fun!)

Examples of community disconnect: UEC and Users, Users and the lab, Scientific and non-scientific staff, early career members and larger community/jobs/plans, Black colleagues and rest of community

Special thanks to (by no means exhaustive)

- Nigel Lockyer, Hema Ramamoorthi, Kate Gregory, Luciano Ristori, Greg Bock
- Joy Pomillo, Melody Saperston, admin team (Etta Johnson, Connie Hillgard, Anna Campbell, Monica Vallejo, Elizabeth Mendyk)
- Alan Stone
- Sandra Charles
- Griselda Lopez, Kevin Aiston, Valery Stanley, Becky Thompson, Eric Mieland, Kathrine Laureto, Wally Levernier, Deanne Randich, Ilene Winston, Georgia Karagiorgi, Monica Nunes, Gabe Perdue, Alex Radovic
- Gavin Davies, Leo Aliaga
- Alvin Tollestrup Memorial organization team (Vladimir Shiltsev, Elliott McCrory, Chris Quigg, Mark Palmer)
- Burt Holzman, Liz Sexton-Kennedy, Marco del Tutto
- Mike Childress, Josh Cassada, John Stephen
- **ALL our speakers, session chairs, poster presenters, and panelists**
- Valerie Higgins
- All division/deputy heads, spokespeople and others who advised & helped find speakers
- Neutrino 2020 organizers Sam Zeller & Steve Brice
- URA: Marta Cehelsky, Ted Wackler, Marty Rubenstein, Lourdes Garcia-Ruiz
- Lynn Johnson, Diana Brandonisio, Kurt Riesselmann, Justine Dunn, Leah Hesla, Deb Sebastian, Lauren Biron,
- Marty Murphy
- FSPA Officers: Maria Martinez-Casales, Richie Diurba, Abhliash Dombara Yallappa, Luke Pickering, Mike Wallbank, Samantha Sword-Fehlberg
- Marco Mambelli, Donatella Torretta



Your 2019-2020 Users Executive Committee

Thank you SO much, team

- Especially Ashley, Sapta, Reddy!! for excellent leadership and a huge amount of work
- And also Kirsty, Manolis, Yuanyuan, David, Oli, Maria, Richie, Abhilash, Luke, Mike, Samantha for great work and feedback during the UM and previous months
- Every one of us has helped in some way, a real team effort and congratulations!





“...it has nothing to do directly with defending our country except to help make it worth defending.”

—Robert Wilson



Josh A. Cassada



Background

A Win is Not a Win

An army officer owned Dred Scott and his family. When the army officer moved to St. Louis (Free Territory), he brought his slaves with him. Because the Scotts had lived in free territory, they believed that legally made them free. In 1846, they filed for their freedom. Twelve white jurors in a St. Louis court ruled that because the Scotts' residence was in a free state, that made them free. The Missouri Supreme Court overturned the January 1850 lower court's ruling in 1852 and the Scotts again were enslaved.



Lawyers for Dred Scott continued to appeal the Missouri Supreme Court decision. The case was argued in the United States Supreme Court and finally, in 1857 a 7-2 decision was reached.



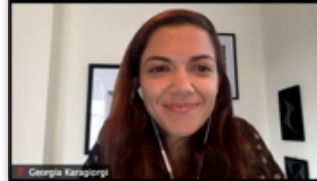
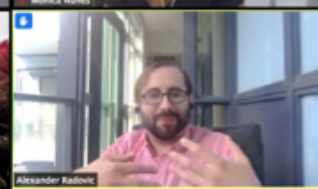
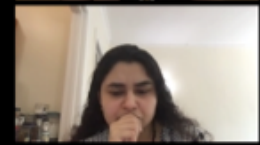
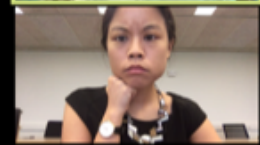
Writing for the majority, Chief Justice Roger Brooke Taney stated that, ***black men, regardless of their free or slave status, were not people. As such, they had no protections under the US Constitution and they had no right to even use the courts to sue for their freedom or anything else.***



This legal precedent set by the Taney court meant that ***black people, regardless if they were free or enslaved, had no protections under the law.*** Even with the passage of the 14th Amendment it would be another 100 years before precedent was set that defined who was a citizen of the United States.



The Taney decision was a contributing factor to both the onset of the American Civil War and ***the creation of the post-war Jim Crow Era.***





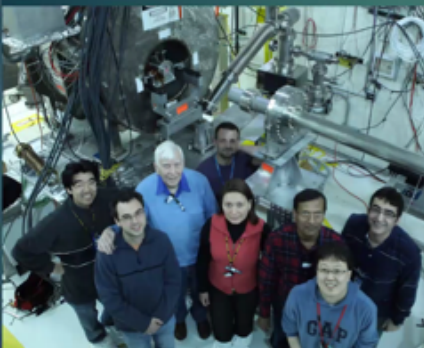
Alvin Tollestrup

(1924 – 2020)

A Life in Science



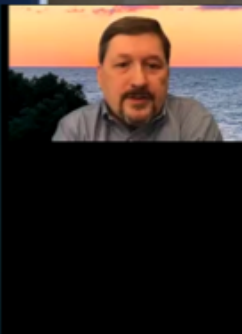
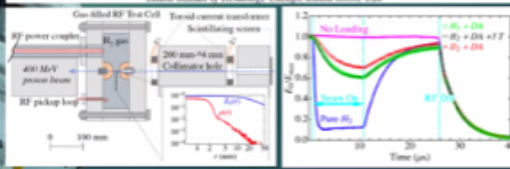
Developing Technology & the Teams to Drive Progress

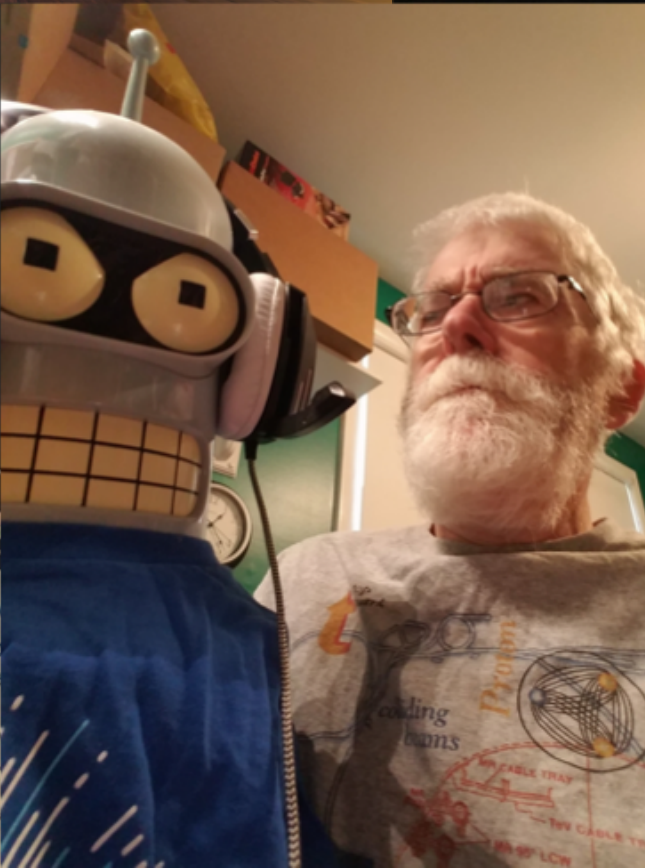
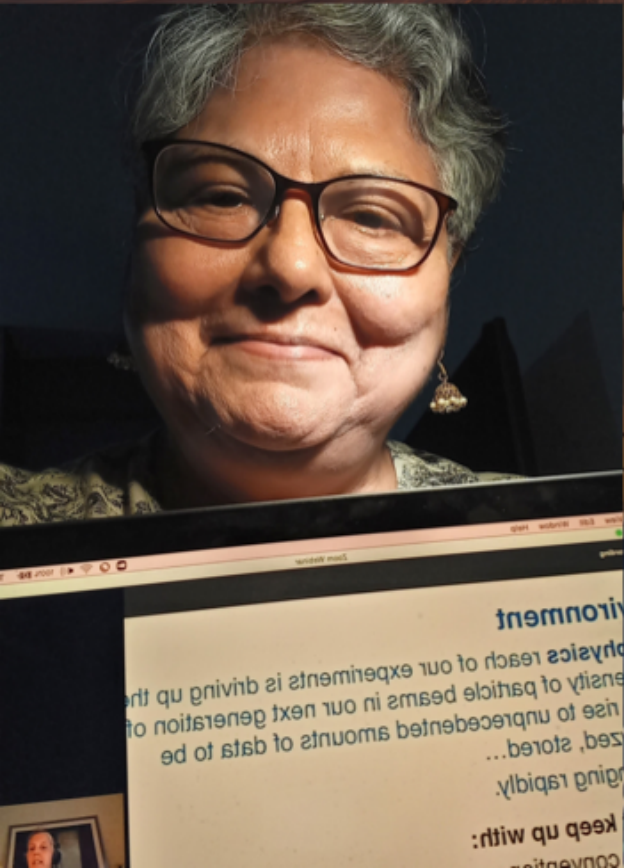


PRE. 111, 18402 (2013) PHYSICAL REVIEW LETTERS

Pressurized H₂ rf Cavities in Ionizing Beams and Magnetic Fields

M. Cheng,¹ M. G. Collam,⁴ G. Flanagan,² B. Frenette,² P. M. Hader,³ M. R. Jara,³ R. P. Johnson,² D. M. Kaplan,³ M. Lomon,¹ A. Moretti,¹ M. Popovic,¹ T. Schwarz,¹ A. Tollestrup,¹ Y. Torun,² and K. Vinoschka²
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³Illinois Institute of Technology, Chicago, Illinois 60604, USA





Winners of the Users Meeting Poster Session

First Place: **Andrew Mogan (UTK)**

Second Place: **Emrah Tiras (ISU)**

Third Place: **Wanwei Wu (Fermilab)**

Award Certificates and prizes will be sent to you soon!

Special thanks to all our judges: **Mike Wallbank, Andy Furmanski, Zoya Vallari, Deepika Jena, and Abhilash Yallappa Dombara**

And to **Reddy Pratap Gandrajula and Richie Diurba** for the majority of the work in organizing the judging!

Thank you to our community

- You elected us to serve you, and it has been our pleasure to do so.
- A personal thanks from me, Users Meeting chair
- Thank you for your attention and passion over the past few days. We've been so happy about the attendance and feedback. 772 registrants!!
- “**Defining the Decade**” has been beautifully realized in all your talks, your presence, and your continued dedication to making our lab and our world a better place. Let's keep doing the work and striving toward a better future.

Final Reminders

- Festa Italiana tomorrow! Join us for an online pasta cooking class and social time! Link information will be emailed to all registrants. 3:30 PM onwards, 4-6 PM classtime.
- Send your pics to um2020pics@gmail.com : enjoying the meeting, or headshots for a collage of participants!
- Our UEC election will be soon, please consider joining us!

Take care of yourselves and each other.

Those were (modified) the closing slides, let's look behind the scenes

Some of the feedback received

- “UEC Feedback: The use of Mozilla Hubs for virtual poster sessions, first for Neutrino 2020 and now for the Users Meeting is a ridiculous waste of time and money. It's more a gimmick than a tool, with many issues (e.g. audio problems, extreme CPU usage), and it doesn't benefit the science nor the scientists. Please stop using it.”
- “UEC Feedback: I just wanted to appreciate the faces of the UEC this year. It was a pleasant surprise to see the current people in the committee and, for the first time in years, recognize the real diversity of the lab. Rather than the usual white old man that control so many parts of the lab and can't really see the problem with that. Thanks for all the work!”
- “I thought the BLM speaker was really interesting. Thanks to you all for arranging that talk!”
- “thanks for making the Users Meeting a pleasurable experience, know you must be dealing with a lot of work, but let me congratulate you and appreciate your efforts for making this experience a success. Thank you! Best Regards from Guatemala”

Some of the feedback received

- “What a wonderful program! I. My congratulations to all involved in producing it, both the organizers and speakers.”
- “Thanks so much again for an incredible event!!! I loved every second. You all were great hosts to Josh.”
- “Thanks also for organizing the keynote, it was very inspirational.”
- “I know the Users Meeting is still in progress but just wanted to say thanks to you and the rest of your team for putting on an excellent meeting so far. I have been able to attend more sessions than in the past and have found the program to be very engaging. I know the virtual environment has been challenging, but you have adapted very well. Best of luck for the remaining sessions!”
- “JOSH'S TALK WAS AMAZING!!!!!! Congrats to you all. ... Thanks for pulling that together! WHAT a treat.”
- “How can I get a copy of the recording of the first talk in Session 15 (Introduction to neutrinos at Fermilab, Speaker: Andrew Mastbaum)? It is a good talk and I would like to use it to explain neutrino research to family and friends. Also, how do I get permission to show the talk?”

Registrations

- 772 as of this morning (!)
- Still sorting through the statistics on things like time zone, institution, how they found out about the meeting, etc.
- Lots of Tollestrup friends and family, which is nice to see
- A nice number of employees/non-scientific staff
- Some number of international attendees as well!
- Could be helpful to sort through this to plan for next year's UM, but also in general to plan on ways to better engage with our community.

We still have the Festa Italiana: Tonight!

- We worked with Marco Mambelli and Donatella Toretta to coordinate with “Al Dente Pasta Workshop” to host a social time and online cooking class for the community!
- The dish: “Tagliatelle with sausage ragù” (vegetarian option as well)
- - 3:30pm Benvenuti! Festa Italiana starts
- - 4pm - 6pm Cooking experience with Al Dente
- - 6pm - 7pm Social time: show off your tagliatelle, chat with friends and start dinner together

Not that many RSVPs right now (21).
But I expect more people will just join.

We still need to publicize final link

