

MST/UMR EMCLAB Alumni Network

MUELAN



Newsletter 2024

MUELAN Officer and Board Members:

Hanfeng Wang (President)

Yansheng Wang (Vice President)

Giorgi Maghlakelidze (Secretary)

Ram Chundru (Immediate past president)

Francesco De Paulis (Board member)

Shubhankar Marathe (Board member)

Daryl Beetner (Board member)

Seungtaek Jeong (Board member)

Editor:

Giorgi Maghlakelidze

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MST/UMR EMC Lab Alumni Network, 2024



Section: MUELAN Official

Election Results and Officer Succession

This year the election was held on Nov.10 2024. MUELAN continues with the following Board Members: **Francesco De Paulis**, **Shubhankar Marathe**, newly elected **Dr Daryl Beetner** and **Seungtaek Jeong**.

We have officer succession this year! **Ram Chundru** is our outgoing president, while **Hanfeng Wang** succeeds him. **Yansheng Wang** is our vice president, and **Giorgi Maghlakelidze** is elected as the secretary.

Special thanks to our outgoing BoD members: **Songping Wu and Tao Wang** for their great volunteer work to our MUELAN family!

Here is the list of our officers and board members in 2024:

Officers:

President: **Hanfeng Wang**

Vice President: **Yansheng Wang**

Secretary: **Giorgi Maghlakelidze**

Immediate Past President: **Ram Chundru**

Board Members:

Daryl Beetner

Shubhankar Marathe

Francesco De Paulis

Seungtaek Jeong

MUELAN General Fund and Endowment Update

As of end of year 2024, our 21 alumni have generously donated to MUELAN:

- \$6,550 for the scholarship endowed fund,
- \$8,650 for the alumni fund

For a total of \$15,200. An additional \$6000 was donated to a separate fund for the lab. The corpus of the MUELAN scholarship endowment is approximately \$61,225.84, with a year-end spendable of \$8053.03. That's a healthy balance for an endowment that was only started a few years ago!

Many thanks to all who supported this year!

Meanwhile, please continue to donate to the **endowment fund**. We are expecting a 4% distribution each year, so \$25k will generate a \$1000 distribution each year, and when we continue to grow the endowment, we *will be able to generate more distributions and reward more scholarships to lab students each year!*

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MUELAN LinkedIn groups

There are new LinkedIn groups so that EMCLAB Alumni and Friends and Members can keep in touch. People change emails, workplaces, phone numbers – but LinkedIn remains, so the connection remains.

We'll be posting announcements and events on these groups the same way as we do on the mailing lists.

Please join us!

[MUELAN Members - LinkedIn](#) - group for contributing members of EMCLAB family.

Requests to join will be approved if you've contributed to MUELAN in the last 12 months.

[MUELAN Friends - LinkedIn](#) - group for all of EMCLAB friends and family!

Open access to all friends.

MUELAN T-shirts and Pins

In 2019 we made T-shirts and pins with the MUELAN logo for all members. T-shirts and pins are supposed to promote MUELAN by improving the organization's visibility and recognition of the members.

While we are out of shirts as of 2024, we have a few pins remaining.

Please consider wearing the shirts and pins at conferences, tech talks, etc.

Special thanks to Dr. Beetner for his support with getting MS&T Marketing Department's approval. Thanks to Giorgi Muchaidze for working on the artwork and ordering!

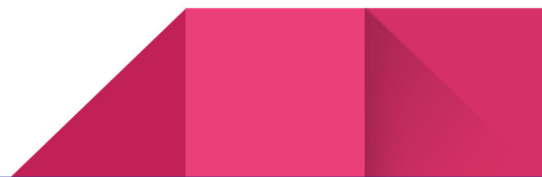


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Section: Awards and Recognitions

Best IAB presentation

MUELAN started to sponsor the best IAB presentation award since Nov 2021.

Yifan Ding, recipient of the esteemed MUELAN Scholar Award.

Wenchang Huang, honored with the Dr. Richard DuBroff Award for Outstanding Service

Xiangrui Su, acknowledged for the Best Presentation Award at the November 2023 IAB Meeting.

MUELAN Scholar Award – Zhekun Peng. Congratulations all, great work!

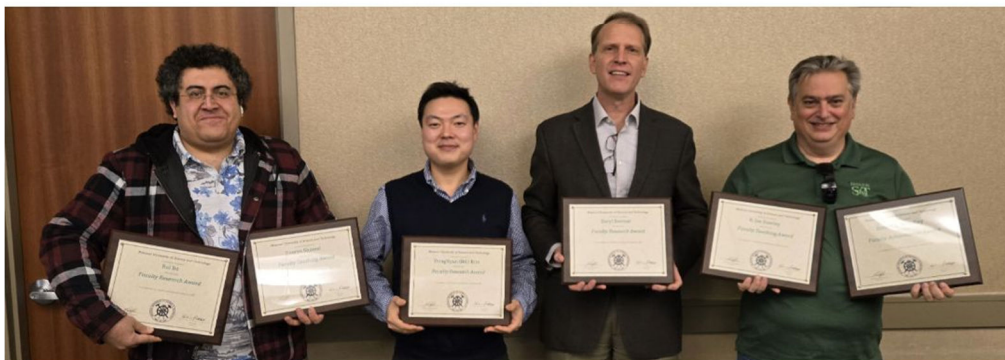


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MS&T Faculty Research Award

Missouri S&T has [awarded](#) our very own Dr. Beetner and Dr Kim with Faculty Research Award for their outstanding contributions!

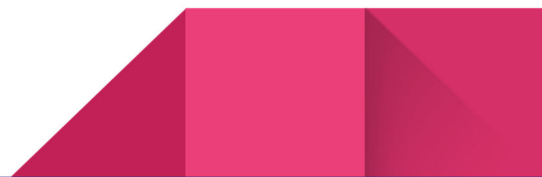


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A decorative graphic at the bottom of the page consisting of several overlapping geometric shapes in shades of pink and blue, forming a stylized, abstract design.



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Asia-Pacific EMC Symposium Risaburo Sato Award for the best paper

At the Asia-Pacific EMC Symposium, over 200 papers were presented. We are honored to congratulate **Zhekun Peng**, who received the prestigious Risaburo Sato Award for the best paper. Among the 10 finalist papers in each area, his paper, titled “Dust Figure Guided Modeling of Corona Discharge on Touchscreen Surface,” was selected as the best.

A big thanks goes to Dr. Daryl Beetner and Dr. Pommerenke for their guidance and mentorship, which played a crucial role in achieving this award.

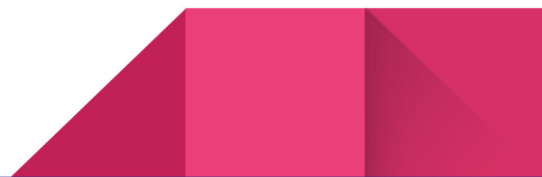


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EMC Society President's Memorial Award for excellence in scholarship 2024

EMC Society has awarded **Zhekun Peng** with EMC Society President's Memorial Award for excellence in scholarship. Congratulations!!



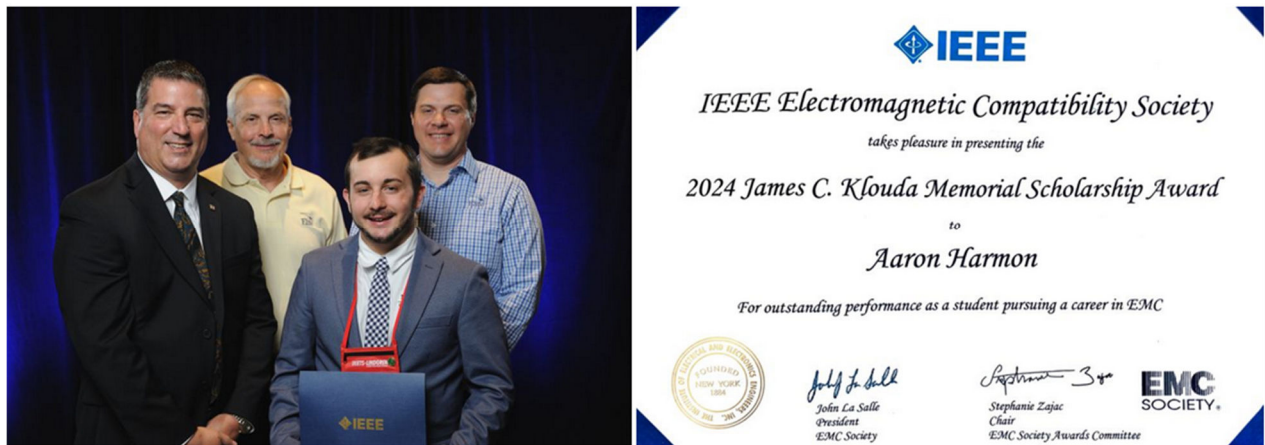
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IEEE EMC+SIPI Symposium Award Winners



IEEE James C. Klouda Memorial Scholarship Award

EMC Society has awarded **Aaron Harmon** with E2024 IEEE James C. Klouda Memorial Scholarship Award for outstanding performance as a student pursuing a career in EMC. Congratulations!!



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IEEE Student EMC Hardware Design Competition

Our own students made a splash at EMCS 2024 [IEEE Student EMC Hardware Competition](#) this year!

FIRST RUNNER UP \$1000 CASH AWARD

Aaron Harmon
Haran Manoharan
Sandesh Paudel
*Missouri University of Science and
Technology, Rolla, Missouri*



SECOND RUNNER UP \$500 CASH AWARD

Neil Lawhead
Manish Mathew
Seyedmehdi Mousavi
Reza Asadi
*Missouri University of Science and
Technology, Rolla, Missouri*

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Section: MUELAN + EMCLAB

MUELAN Sponsors IEEE Student Memberships

MUELAN sponsors IEEE student membership yearly dues: \$48 per student per year.

In the year 2024, MUELAN has contributed **\$1088.00** for **23** students.

EMCLAB Canoe trip

MUELAN continued to sponsor the annual canoe trip for MS&T EMC Lab faculty and students, a few dozen floaters! Great weather and great fun, yearly!



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Dear MUELAN,

Thank you for providing us with funding for the 2024 EMC Lab Float Trip. The float trip was a resounding success. Not only was it very relaxing, but the group bonding was terrific. The trip lasted around 6 hours, and lots of fun that was had. The group enjoyed rope swings, some canoe flipping, and a great time at Tater Patch afterwards.

I feel that the bond between the students that went on the trip is a lot stronger than before. The pictures that I've included also highlight just how much fun it was. Once again, we want to thank you for supporting this event, we all very much appreciate your continued support of the EMC Lab and its students!

Thanks again,

McKennan Starkey

McKennan Starkey

Graduate Research Assistant | Missouri S&T EMC Lab

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Missouri S&T Associate Director of Advancement Visits MUELAN in Bay Area

MS&T Associate Director of Advancement Lee Ann Mentink came to visit the Bay Area on June.11 and met MUELAN officers and board members.

Please contact us if you have any suggestions/feedback to share with the university representatives!

MST/UMR EMC Lab Alumni Network, 2024



Section: Events and Gatherings

MUELAN Summer picnic

On July the 14th, MUELAN hosted a summer picnic in the Bay Area at Mitchell Park, Palo Alto. Our special guest was Prof. David Pommerenke!

About 30 people came and enjoyed the delicious potluck. In order to protect the attendees from the sun, we have used the two blue tents that we've purchased a couple of years ago.

Thank you to Shubhankar, Yansheng and Weifeng for organizing!!

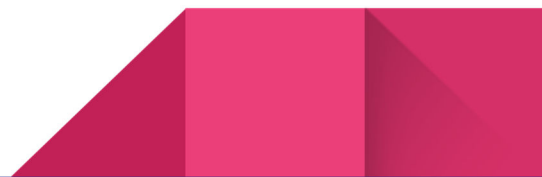


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EMC+SIPI Symposium Alumni Dinner

This year's alumni dinner was hosted at **The Arrogant Butcher**, 2 E Jefferson St #150, Phoenix, AZ on August 5th. Thanks to Hanfeng and Shubhankar for organizing!

About 37 people attended the dinner. Thank you Dr. Beetner for giving a speech!



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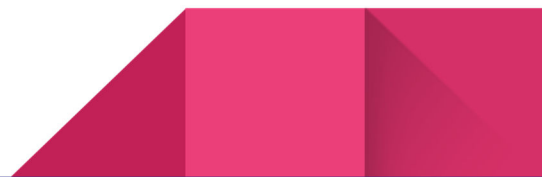




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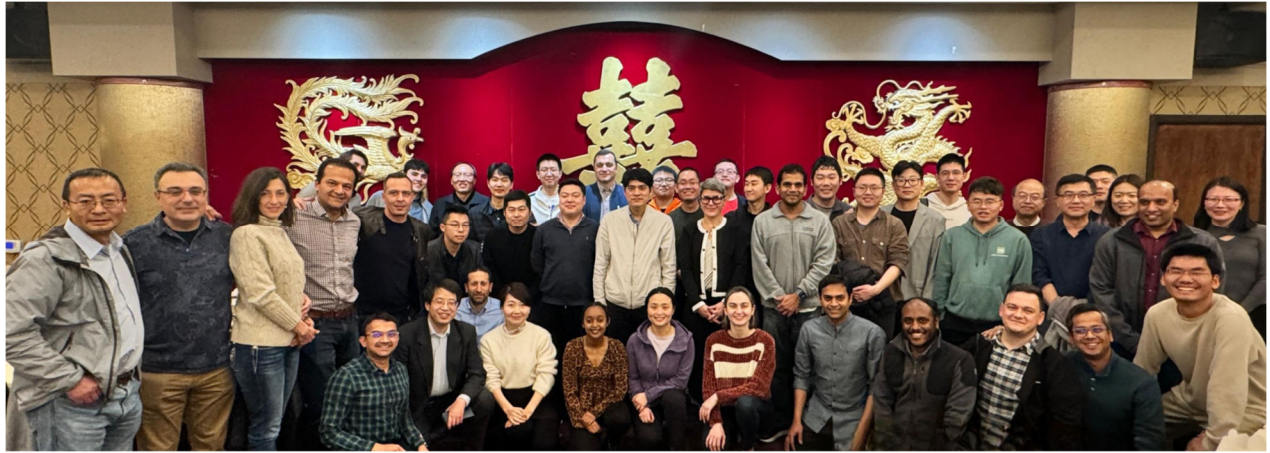


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DesignCon Alumni Dinner

This year's alumni dinner was hosted at the Mayflower restaurant in Milpitas on Feb 1st, with about 45 friends and colleagues attending. Good to catch up!



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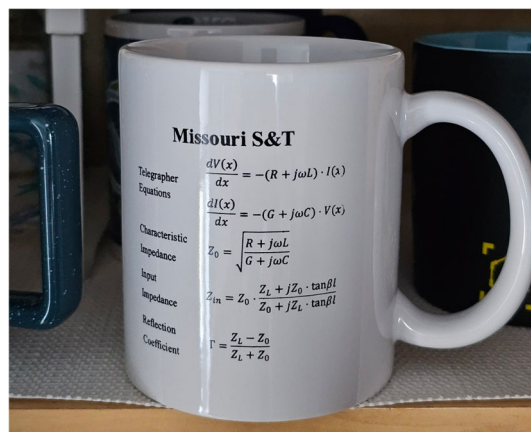


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MUELAN end of the year event

MUELAN members and family met on December 19 at China Stix to eat delicious food and catch up. A total of 21 people have joined and received these wonderful EMCLAB MUGS reminding us of the basic principles!



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Note From the Editor

This was a big year, 2024. We've swept many awards all around! So very proud!!

This new 2025 is going full swing, folks! Let's make it even more successful than the last.

Please consider donating to MUELAN ([here's how](#)), so we can do more good things for our EMCLAB family and friends! Every contribution is important to us!

- G.