

# Volunteer Experience: SCinet at SC25

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# Introduction

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- 3<sup>rd</sup> year PhD candidate
- Networks and security

# What is SC?

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- SuperComputing, High-Performance Compute conference
- Part research conference, part trade-show
  - Research: ACM SIGHPC, IEEE TCHPC, workshops
  - Trade-show: large and small HPC or HPC-adjacent companies and research
    - NVIDIA, Microsoft, HPE, CalTech, Dept. of Energy
- Very large – over 16,500 attendees and 559 exhibitors last year





# What is SCinet?

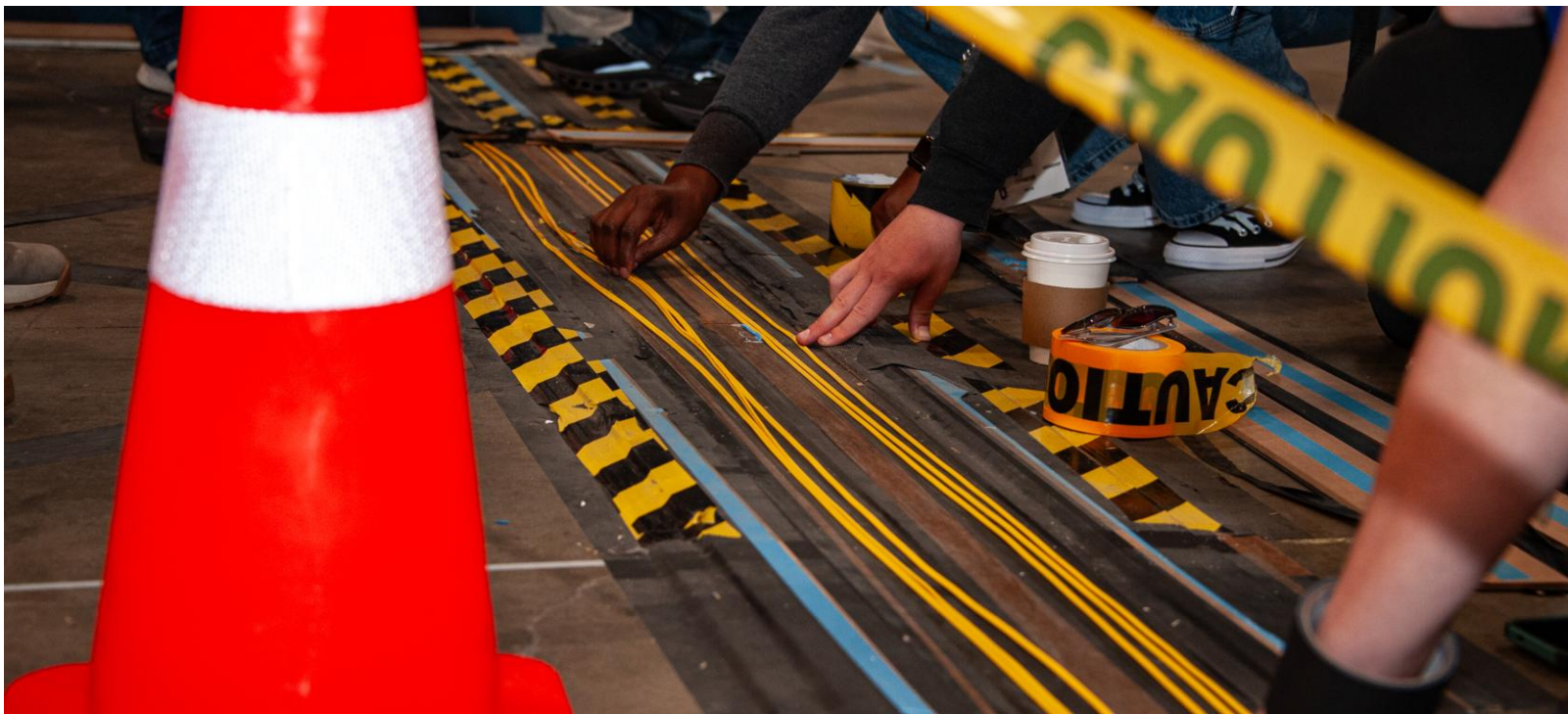
- A large HPC conference needs a solid network
- SCinet: volunteer team that builds and runs the network
- 224 people across 19 teams and committee



# What does SCinet do?

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- Build the network – 1 week
  - Running fiber across the show floor
  - Wiring and testing router racks
  - Deploying hundreds of access points
  - Configuring devices like routers and firewalls, as well as services



# What does SCinet do?

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- Run the network, 1 week
  - Monitor network correctness and security
  - Fix issues like fiber breakage





# While the work is good...

- ...it's the people that make it fun.
- 200+ volunteers from across academia and industry
- Social events provide an opportunity at the end of the day to have fun and to form meaningful and relevant connections

# Takeaways

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- Volunteer experiences like this are a great experience
- Practical experience, technical and professional
- Networking opportunity
  - Build connections that know you're a good worker

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