

# Module 3 Assembly & Run

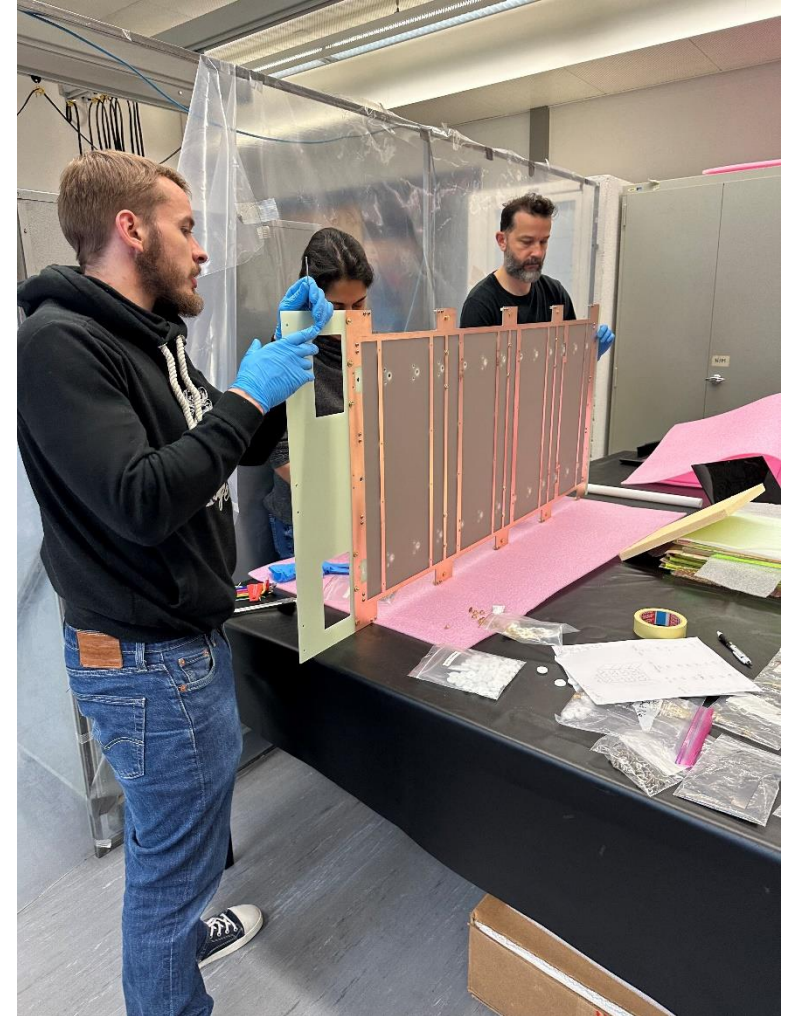
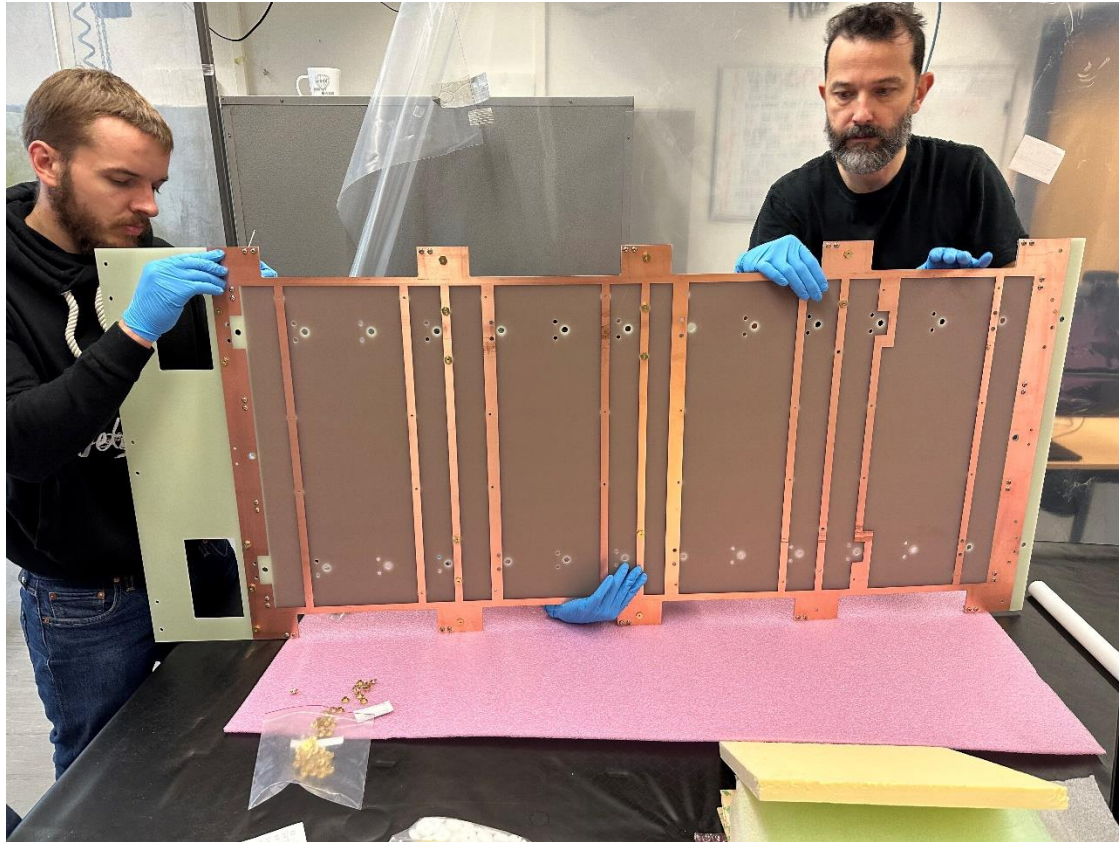


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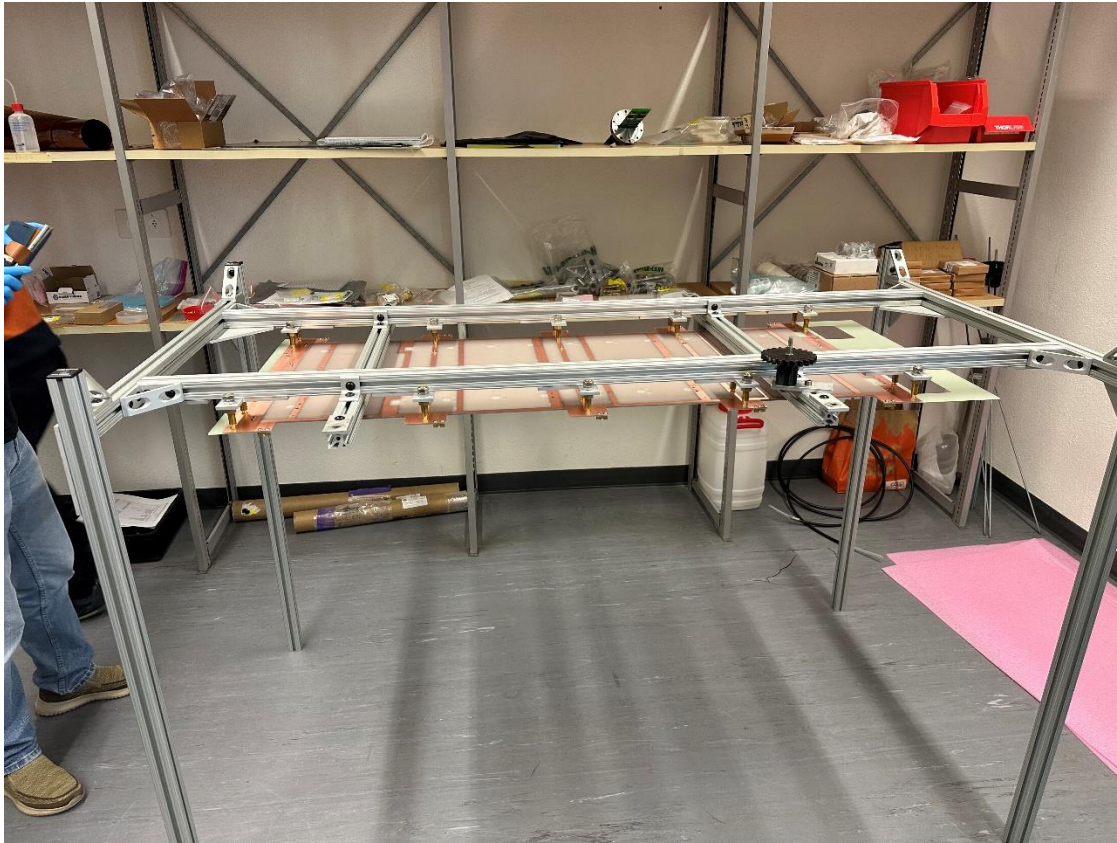
## Current Status

- Completed the anode assembly for TPC 1 of Module 3
- Inserted anode assembly of TPC 1 into the field shell
- Prepared the anode panel for TPC 2
- Pixel tile testing for TPC 2 near complete
- Plan to finish TPC 2 assembly tomorrow (1/12)

# Preparation of Anode Panel



# Installation of Anode Panel to Assembly Fixture



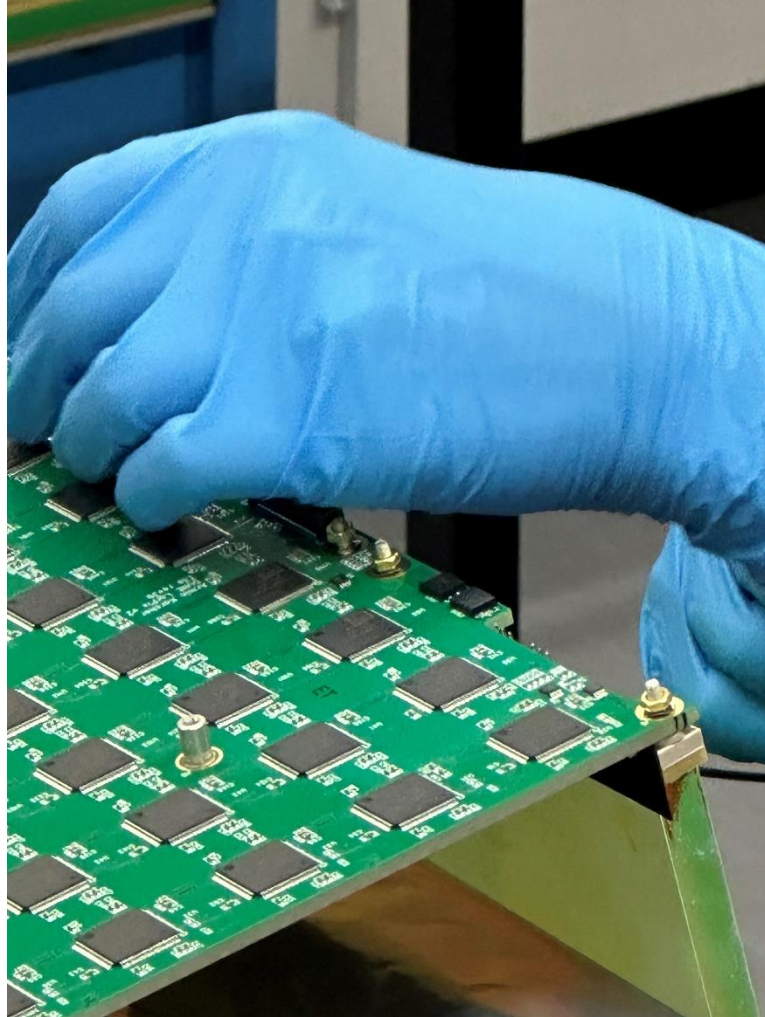
## Inner Copper Cladding on Anode Panel



# Start of Charge + Light Tile Assembly



# Charge + Light Tile Assembly



## Leveling of Anode (left) and Tile Assembly (right)

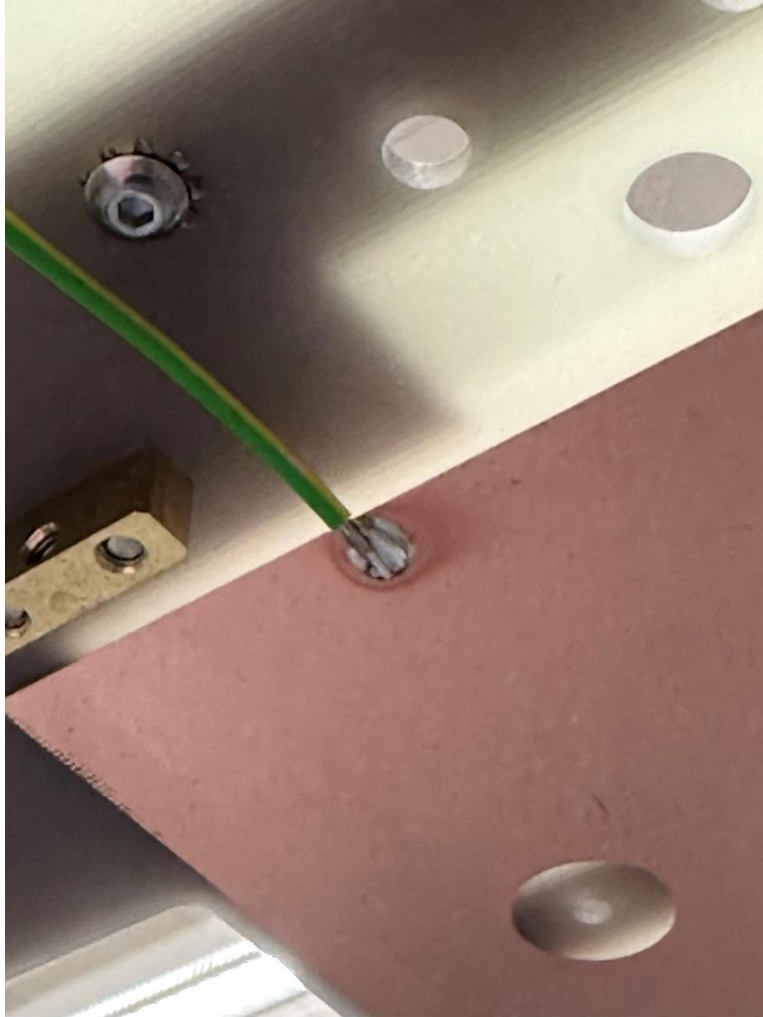




# Tile Assembly



## Soldering of Ground Wire on Inner Anode Copper Cladding



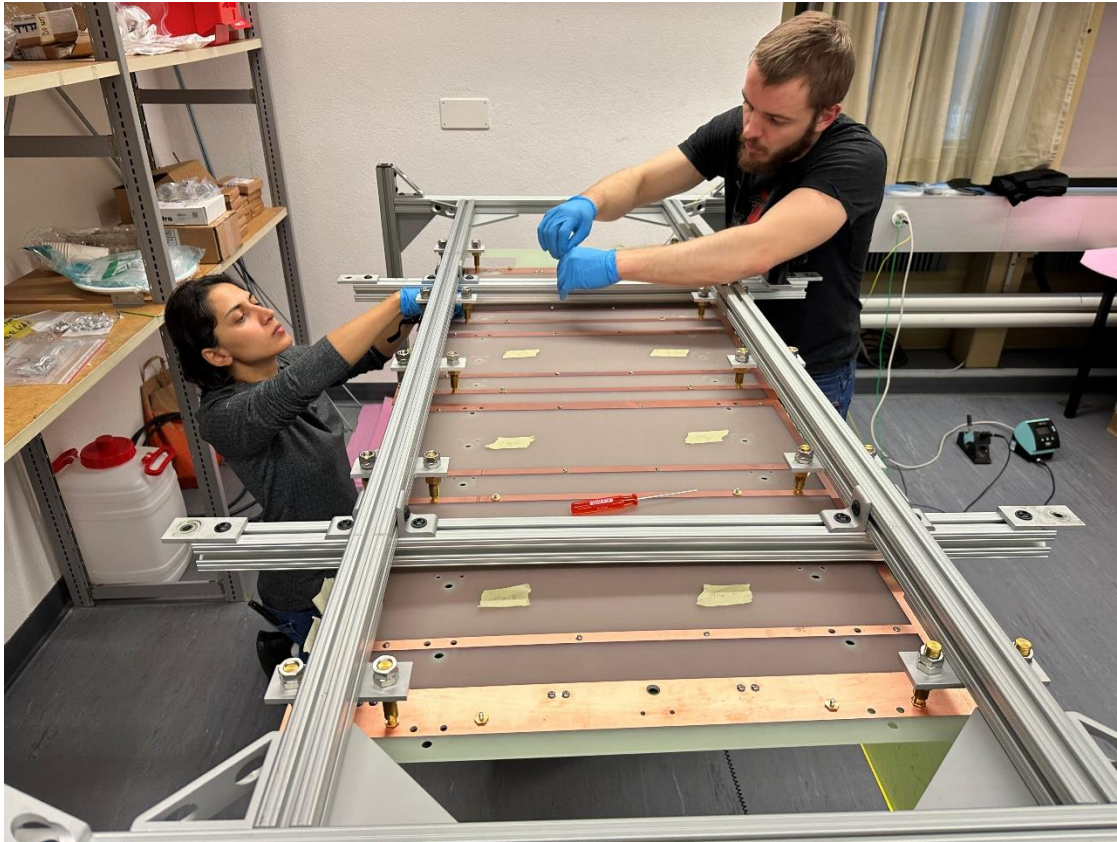
# Installation of Charge + Light Tiles to Anode



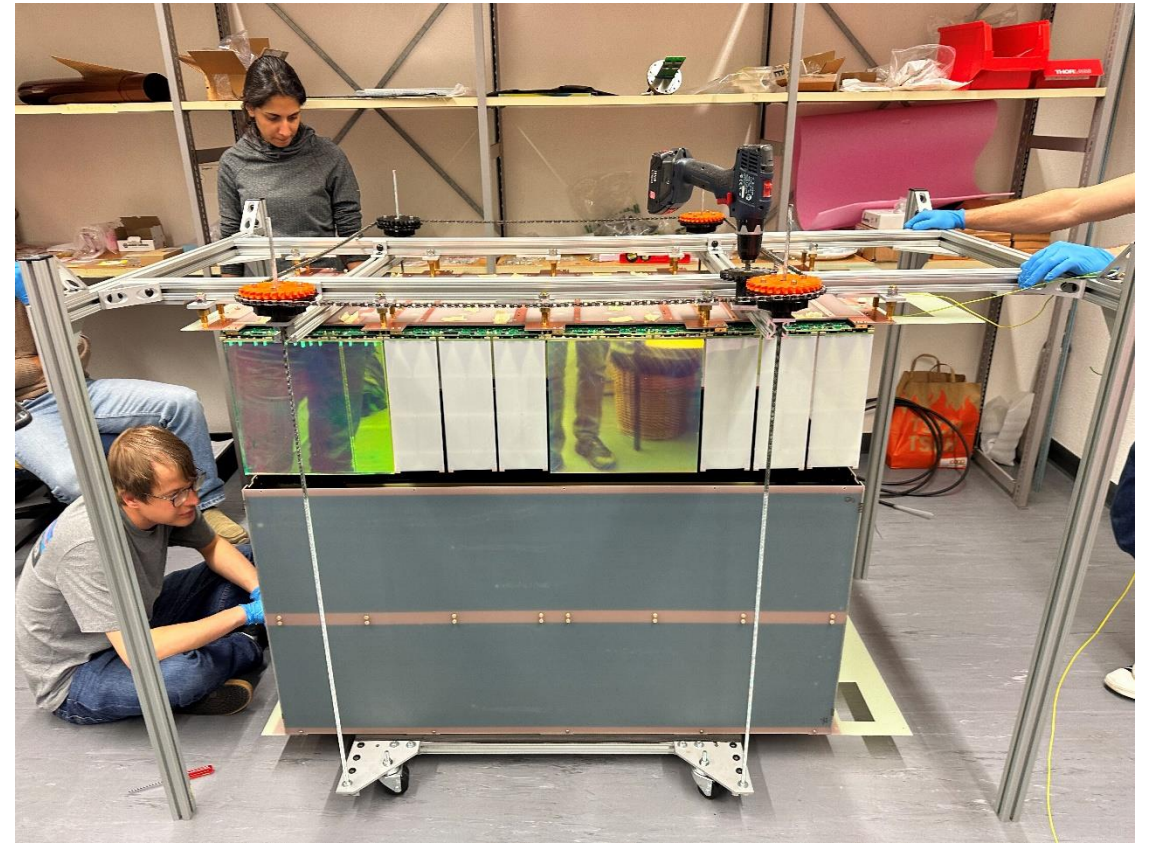
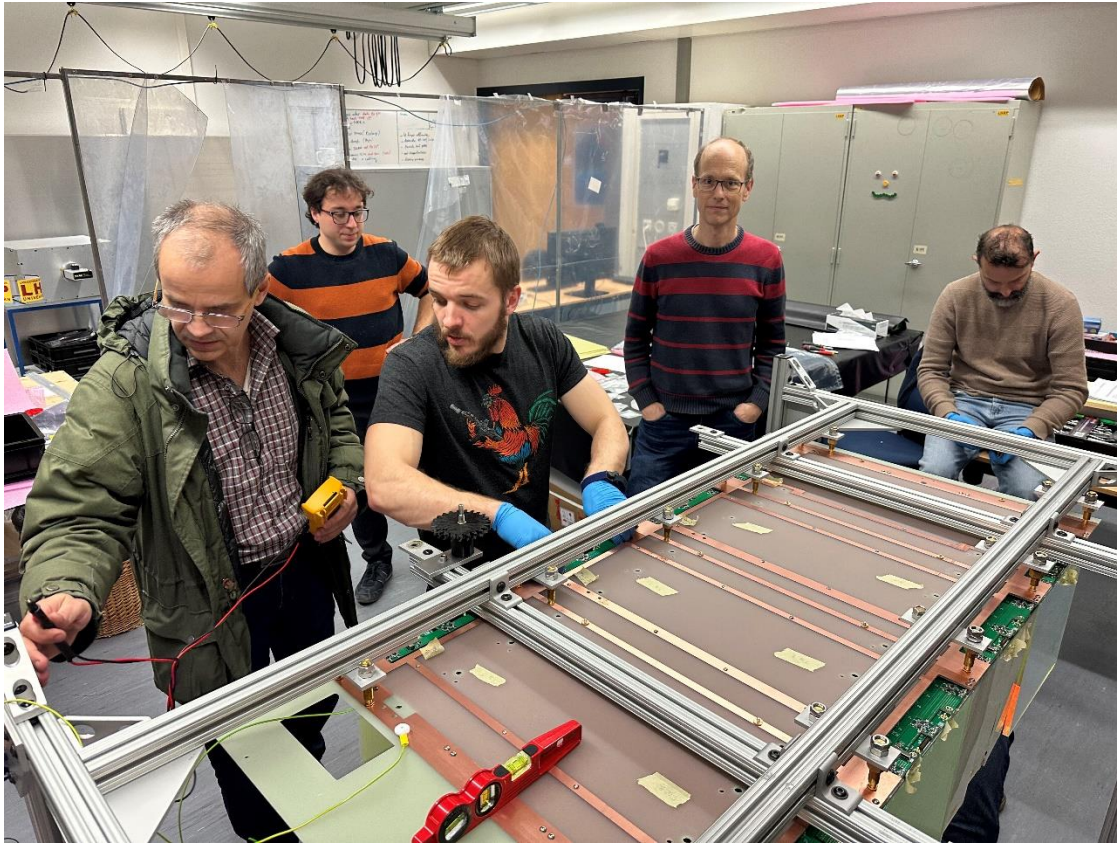
# Installation of Charge + Light Tiles to Anode



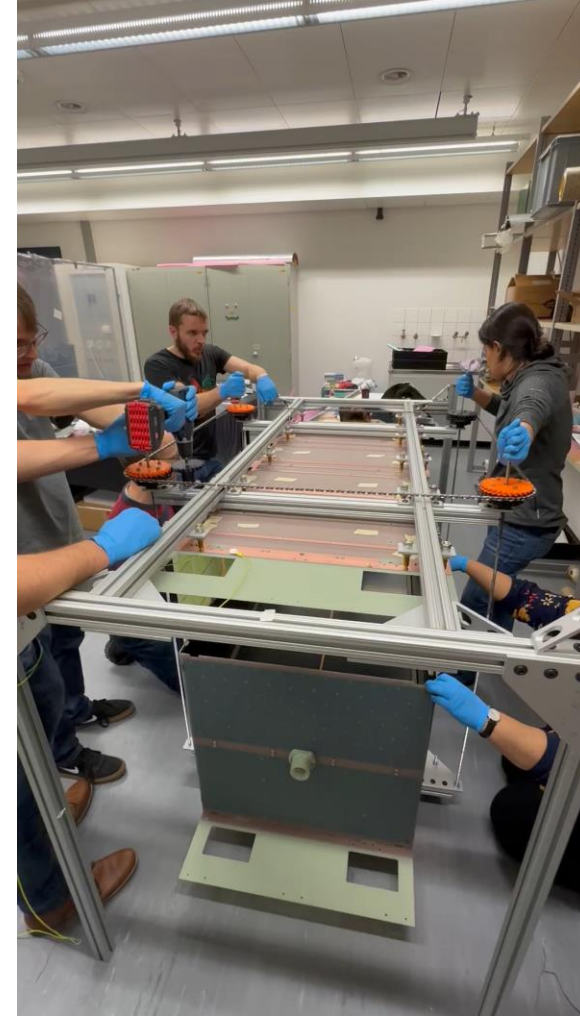
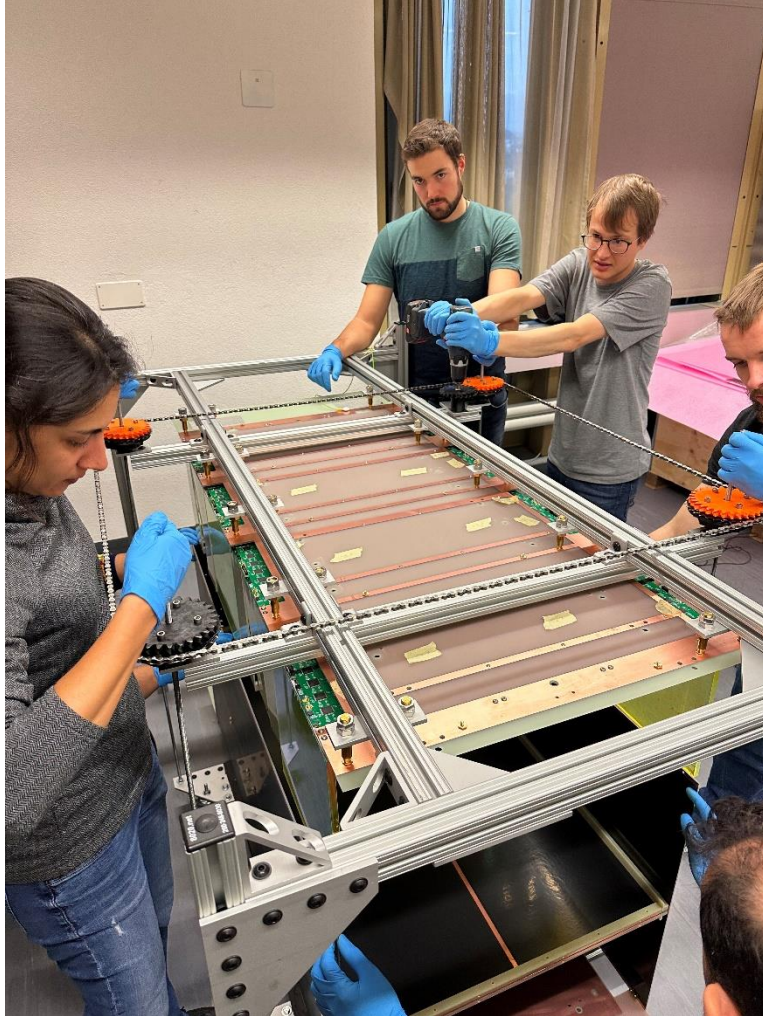
# Installation of Charge + Light Tiles to Anode



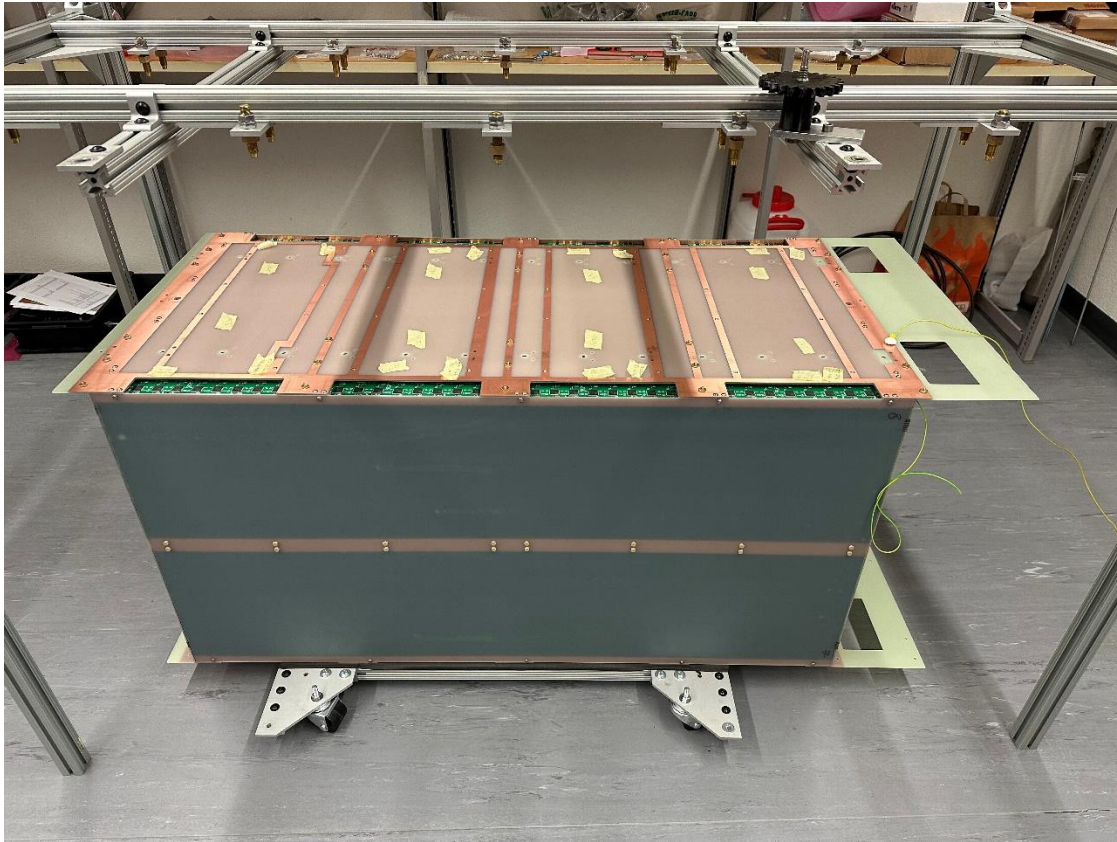
# Preparation for Insertion to Field Shell



## Insertion to Field Shell (video on right)

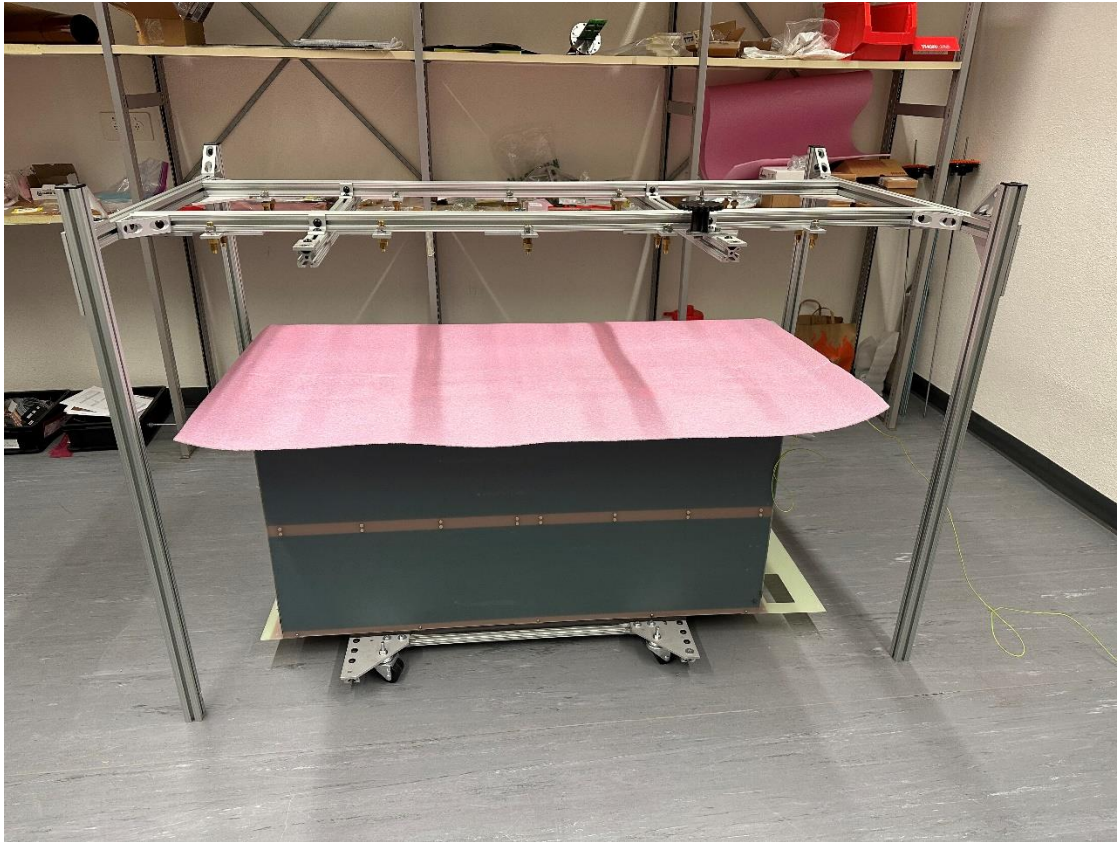


## Completed TPC 1 Installation (E-Boards to be installed later)

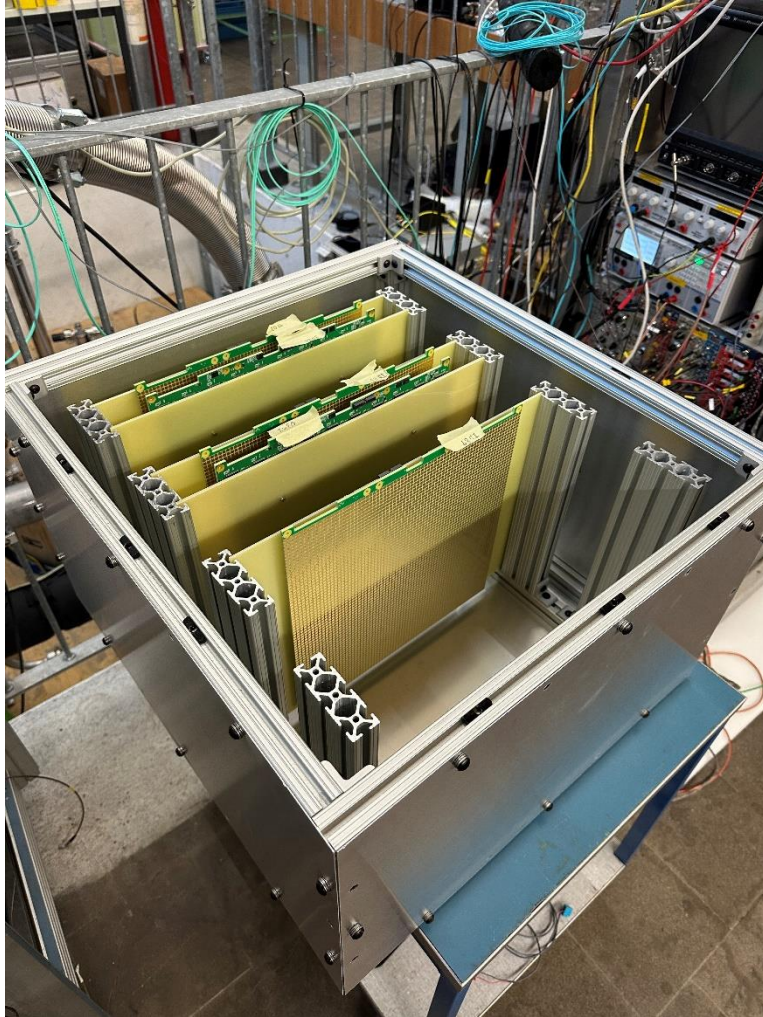




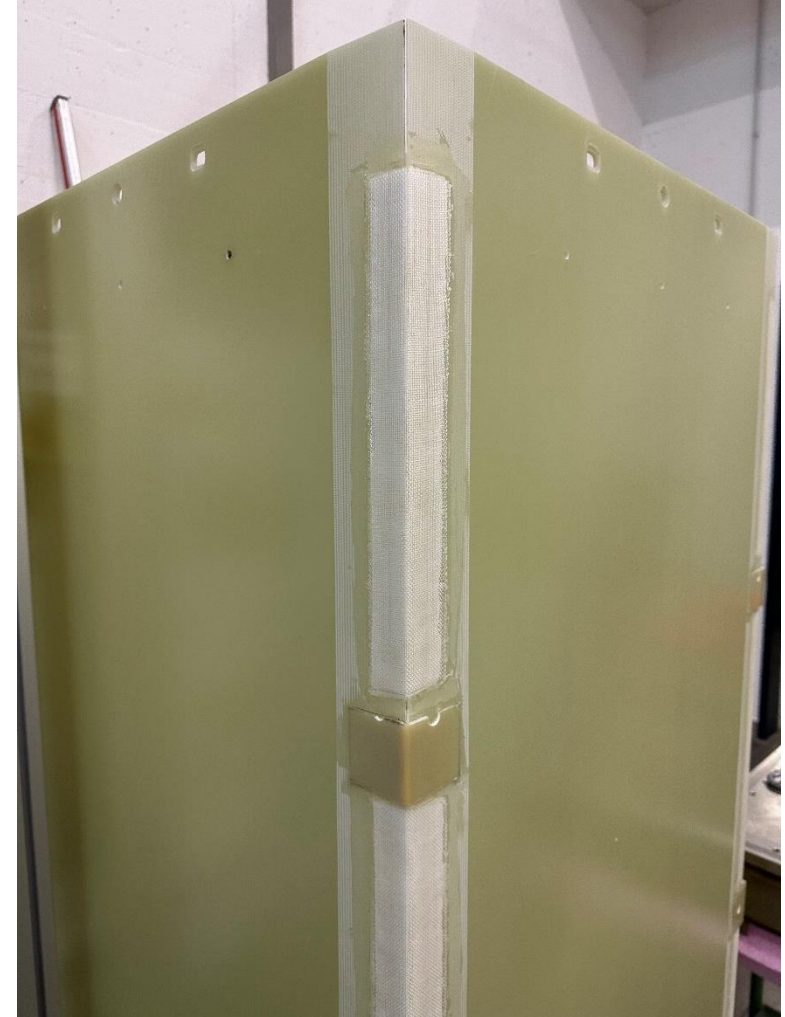
# Completed TPC 1 Installation, Ready for TPC 2 once warm acceptance test of charge tiles complete



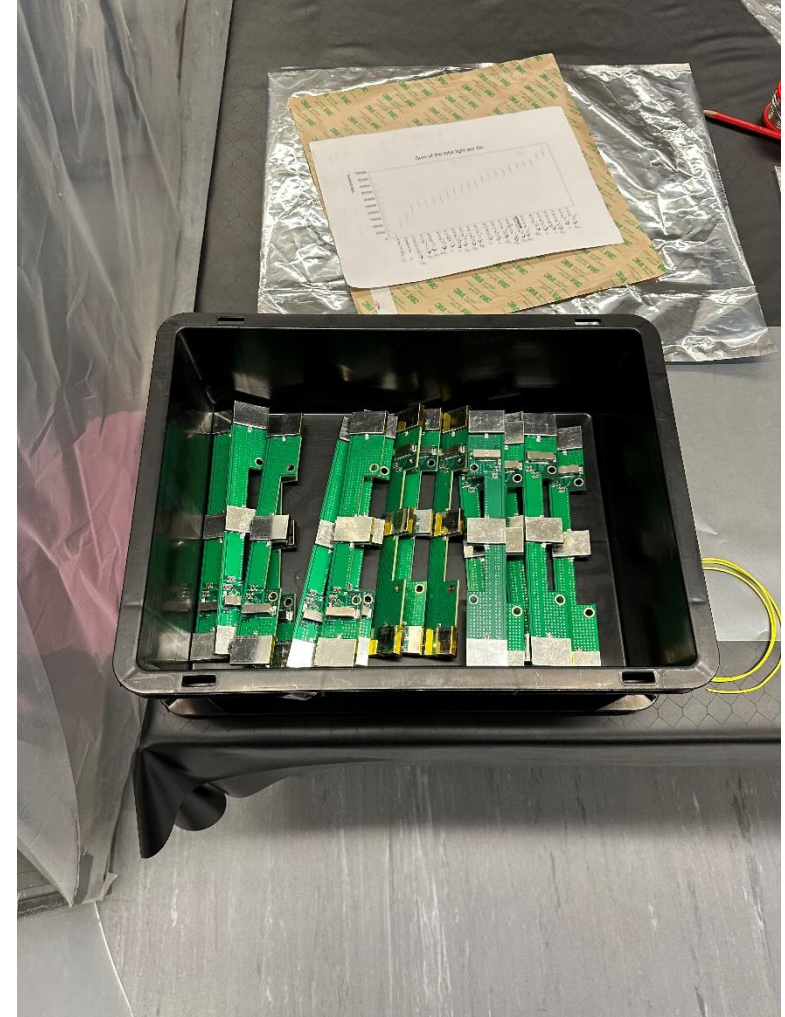
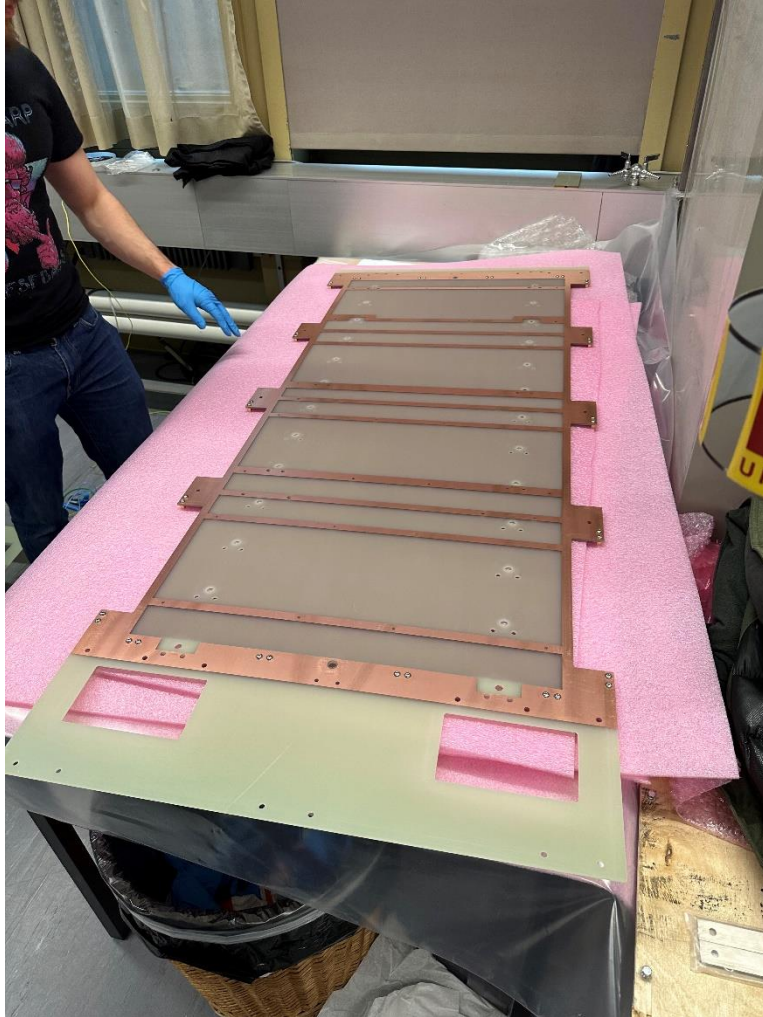
## Pixel Tiles loaded into warm testing enclosure



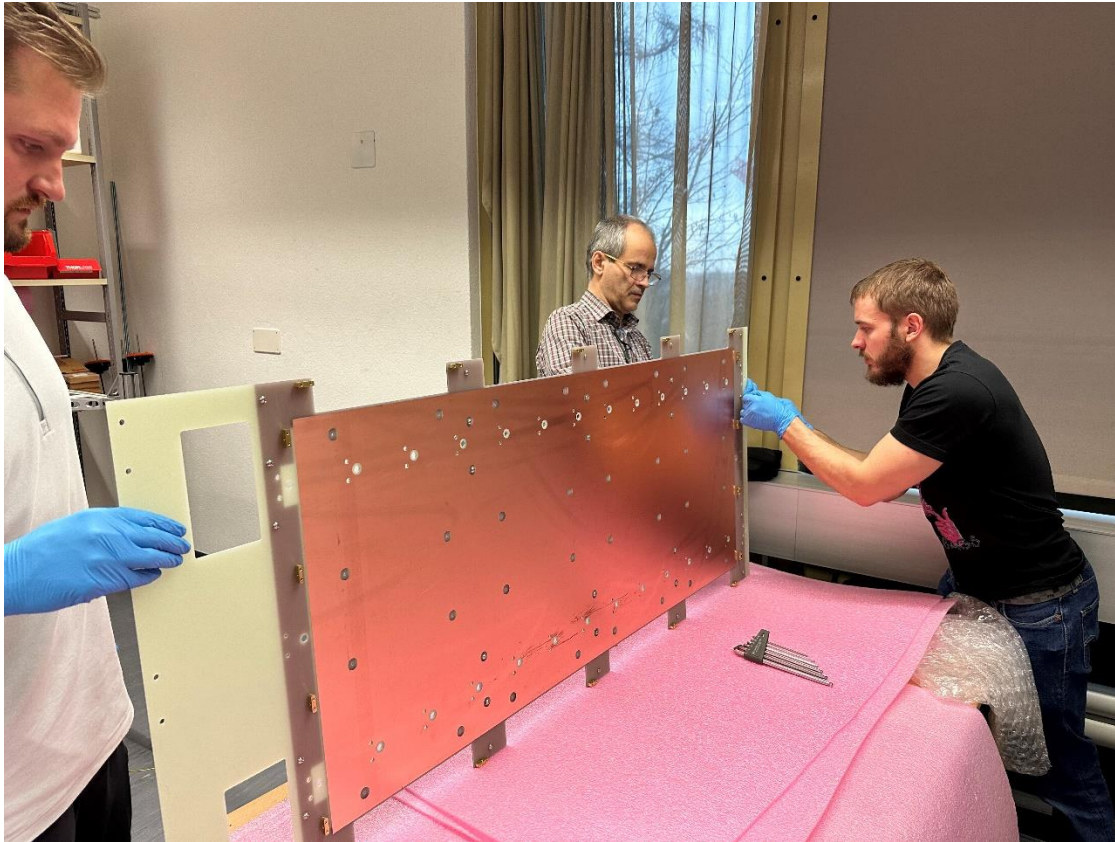
## Top flange and sleeve are ready



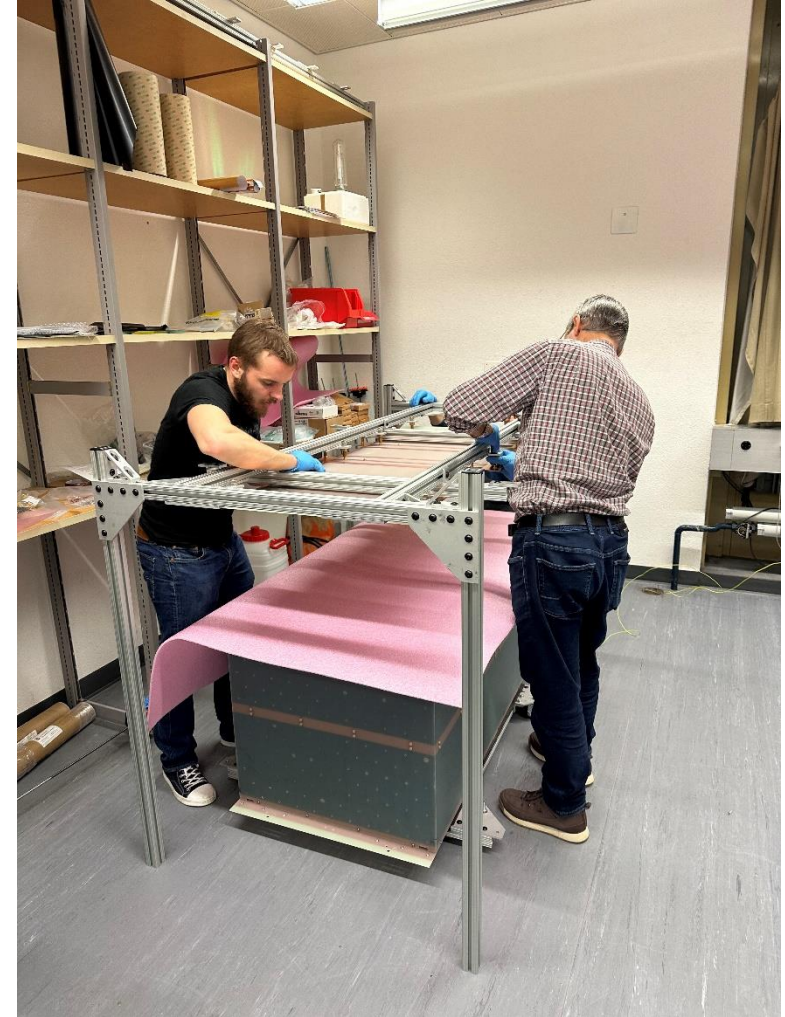
# Anode panel for TPC 2 and E-boards with shield soldering completed



## Preparation of anode panel for TPC 2 and preparation of field cage



## Installation of anode panel to assembly frame



## Summary

- TPC 1 assembly complete
- TPC 2 assembly imminent
- Module 3 will be transported to Grosslabor for top flange installation and cabling
  
- Assembly has gone quite smoothly, similar to Module 2
- Many thanks to the on-site team for making solid progress on testing components and assembling the TPCs