

# ARES Operation Meeting

Summary of week 49 / 2022

**Blae Stacey**, on behalf of the ARES crew

# Summary of week 49

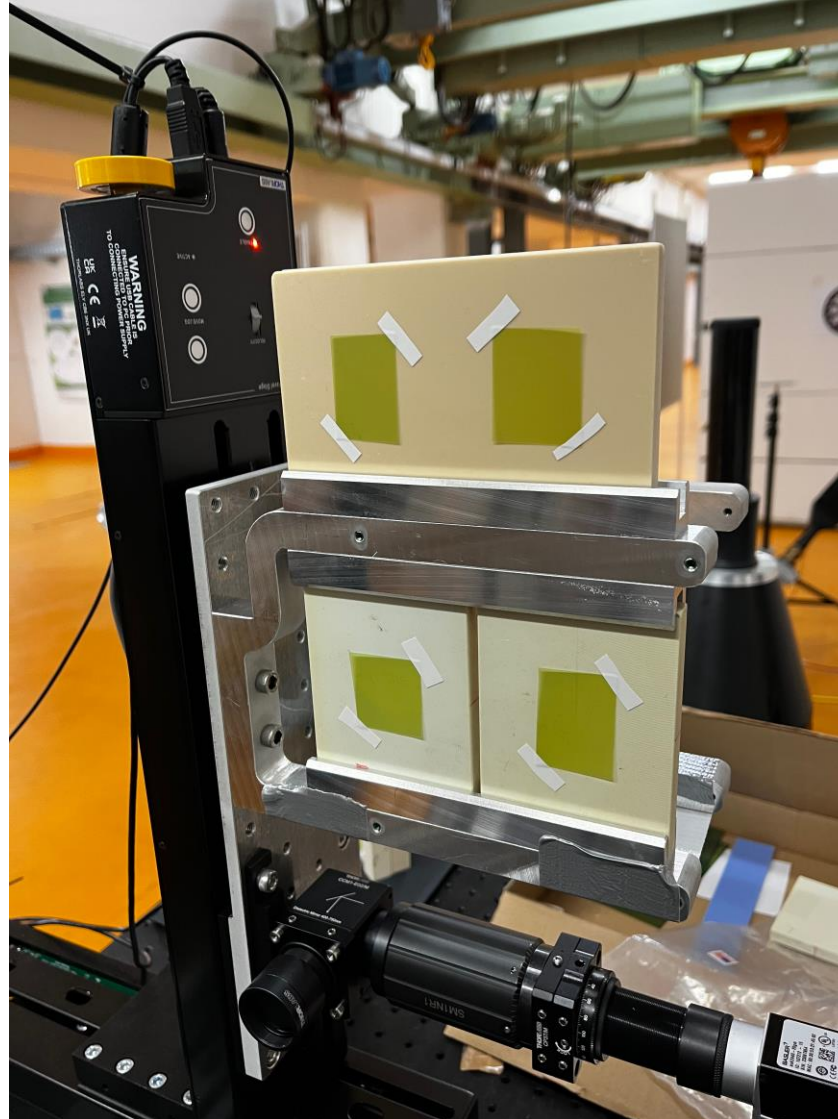
Achievements

Difficulties

Notes

Mon. 5 <sup>th</sup> December	Tue. 6 <sup>th</sup> December	Wed. 7 <sup>th</sup> December	Thu. 8 <sup>th</sup> December	Fri. 9 <sup>th</sup> December
<ul style="list-style-type: none"> <li>• MIN cabling work for PolariX;</li> <li>• Painting of modulator cellar;</li> <li>• MCS work</li> </ul>	<ul style="list-style-type: none"> <li>• Beam characterisation in low energy section;</li> <li>• Checking BC collimators influence on DC at the end of the beam line;</li> <li>• Maximising beam size in the FL section (measured beam size with FL screen and wire scanner).</li> </ul>	<ul style="list-style-type: none"> <li>• Beam characterisation at high energy;</li> <li>• Measuring dark charge and comparing to FL BLM;</li> <li>• Quick pulse shot mode test (using MCS panel);</li> <li>• Measuring beam sizes in FL section at high charge;</li> <li>• FC amplifier and tuning discussion with Timmy (MDI).</li> </ul>	<ul style="list-style-type: none"> <li>• AutoAcc measurements – RL vs BO for further charges;</li> <li>• New button on the cockpit panel, to save machine file with the current settings and prints the file location to logbook;</li> <li>• New Save button in scan tool to save current state of the scan tool as a preset.</li> </ul>	<ul style="list-style-type: none"> <li>• ARES visit by CLARA;</li> <li>• Low charge set-up;</li> <li>• Arrival time stability measurement.</li> </ul>
	<ul style="list-style-type: none"> <li>• FL section BLM position probably needs adjusting to increased signal to noise for the new stage position.</li> </ul>			
		<ul style="list-style-type: none"> <li>• <i>Adjust RF setting to use lower bunch charge</i></li> </ul>		<ul style="list-style-type: none"> <li>• <i>Tunnel open over the weekend</i></li> </ul>

# New UKE targets installed



# Plan

## Week 50

- **Monday**
  - Tunnel open
    - MEN cabling work
    - Installation of new UKE targets
- **Tuesday**
  - Charge counter server tests
  - Autonomous Accelerator workshop at ARES with MSK and KIT
- **Wednesday**
  - ARES visit from UKE (tunnel open)
  - Irradiation beam time for UKE targets
- **Thursday**
  - *Maybe MDI*
- **Friday**
  - *Maybe MDI*

# Schedule

## Week 50

Date	Schedule
12.12.	Tunnel open
13.12.	Willi Kuropka, Frank Mayet (?)
14.12.	Frank Mayet, Willi Kuropka
15.12.	Thomas Vinatier, Hannes Dinter (?)
16.12.	Thomas Vinatier

If you want to learn or join the shift: please give the shift leader a call (BKR 2840 / SINBAD Box 2454)