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# **weekly meeting**

## **J-PARC E73 2nd**

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RARIS  
J-PARC K1.8BR

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2024/5/17 Yuto Kimura

# Contents

- Recent events
- Beam Line Drift Chamber Analysis
- To do
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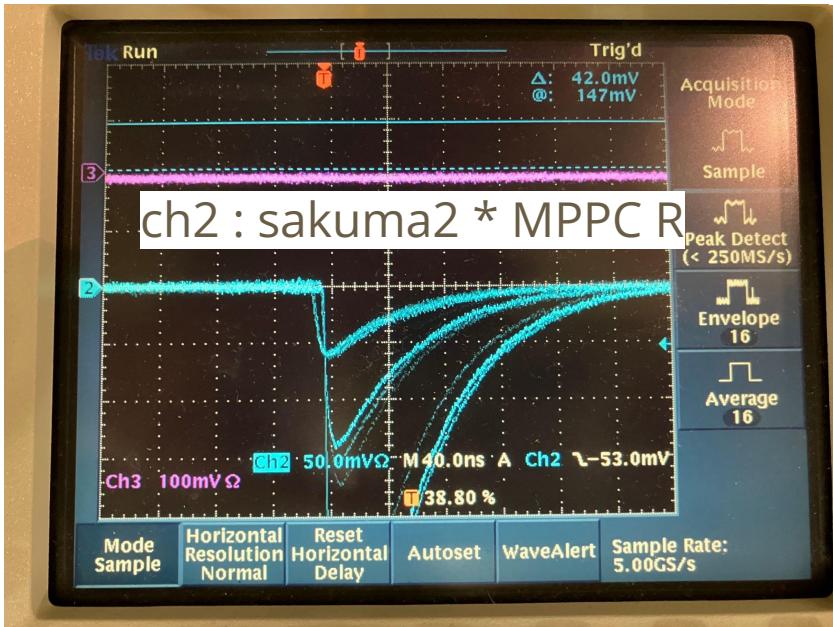
# Recent events

- JSPS application sheet ~?(6/3)
  - waiting for some answers to my question, "how long is the correction period?"
  - modifying endlessly
- E73\_2nd data taking 5/20?~6/5?
  - Helium-4 done
  - Hydrogen done
  - Helium-3 ~10% of our goal
- prepare for installation of CNC ver.2
  - attached MPPC to both sides of CNC (5\*5 cm) done
  - checked cosmic signals of (5\*5 cm) done
  - attach MPPC to both sides of CNC (5\*6 cm)
  - check cosmic signals of (5\*5 cm)
  - check the signal by 90Sr

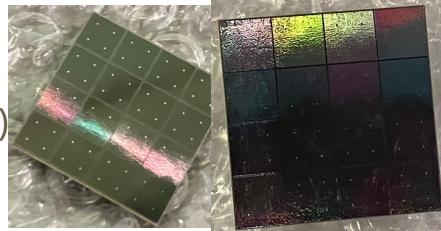
# Recent events

- prepare for installation of CNC ver.2
  - attached MPPC to both sides of CNC (5\*5 cm)
  - checked cosmic signals of (5\*5 cm) **done**

Amp : +12 V, Bias : -54 V



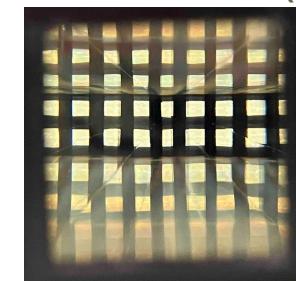
inside of CNC(5\*5)



MPPC



Greasing the MPPC



@Behind K1.8BR area

# BLDC analysis

- Aim : achieve mastery of BLDC & CDC analyzer
- What I want to do
  - decide parameters of XT curve
  - check Residual, layer efficiency, tracking efficiency, profile at FF
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- What I did
  - quick tours along the histograms made by ExDC.cc **ongoing**

# To Do

- improve JSPS application sheet
- decide BLDC XT param
- Follow changes TOT of BLDC
- Follow changes Beam profile at FF (by Kaon3, pion3)

# Future events

- Sendai 6/8~7/20
  - Tokai 7/21~8/3
  - Sendai 8/4~8/7
  - Tokai 8/18~9/14
  - JPS in Hokkaido 9/15~20 ?
  - Tokai ? Sendai ? 9/21~
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- GPPU exam in Jul. or Aug.