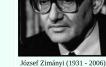
ZIMÁNYI SCHOOL 2023



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December 4-8, 2023

opy Budapest, Hungary



The ALICE Fast Interaction Trigger performance and upgrade

Sahil Upadhyaya

on behalf of the ALICE collaboration

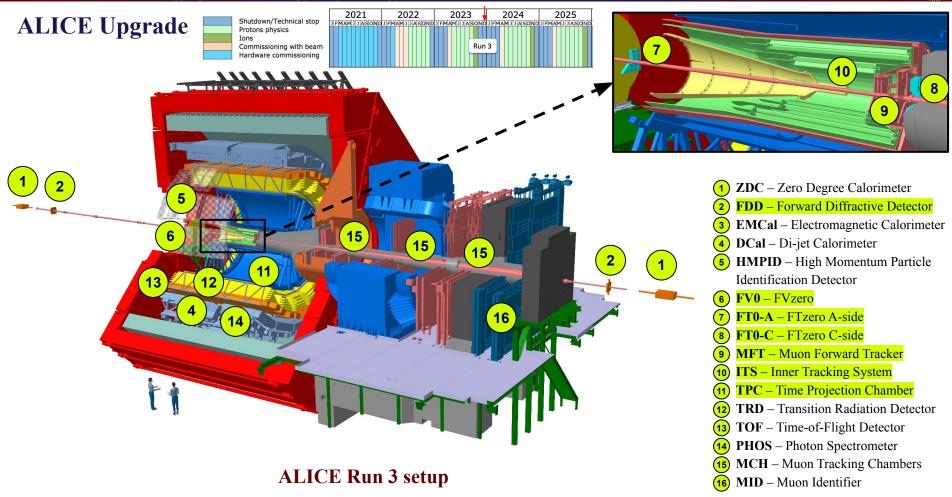


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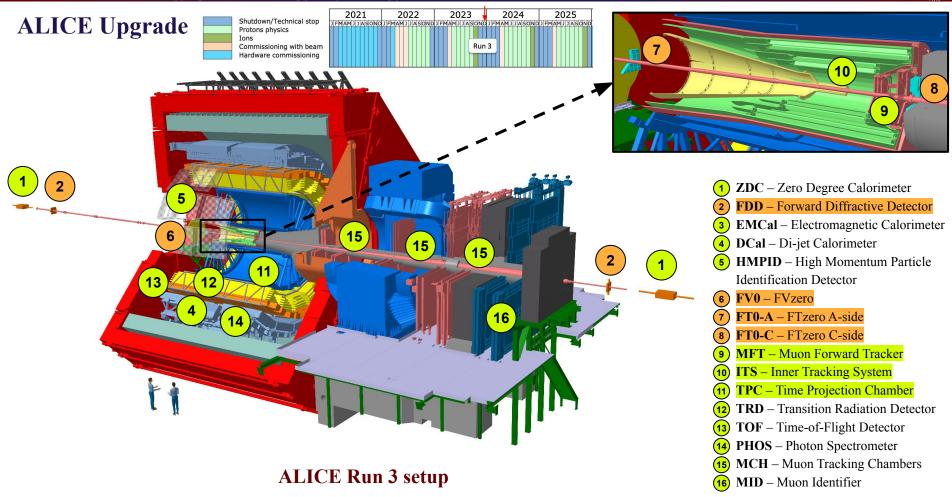


The ALICE Fast Interaction Trigger performance and upgrade | ALICE Upgrade



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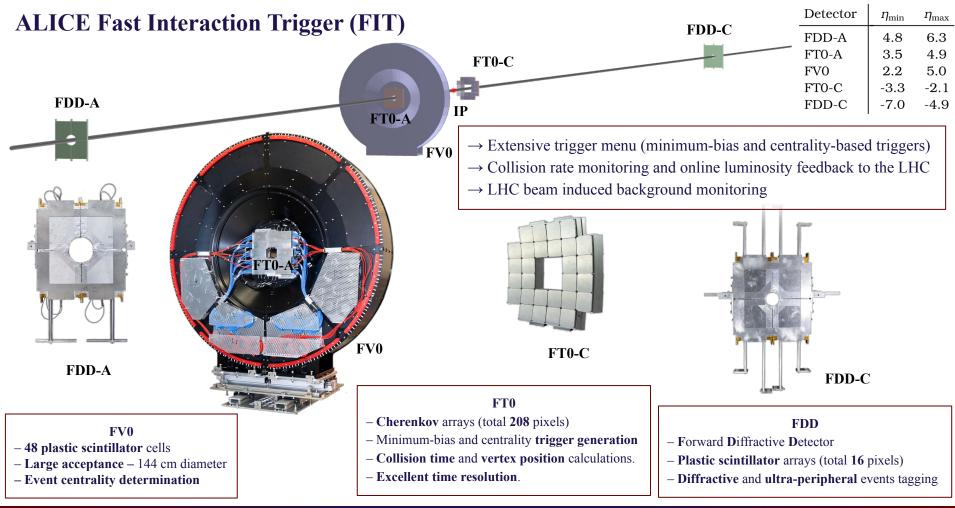
The ALICE Fast Interaction Trigger performance and upgrade | ALICE Upgrade



Sahil Upadhyaya

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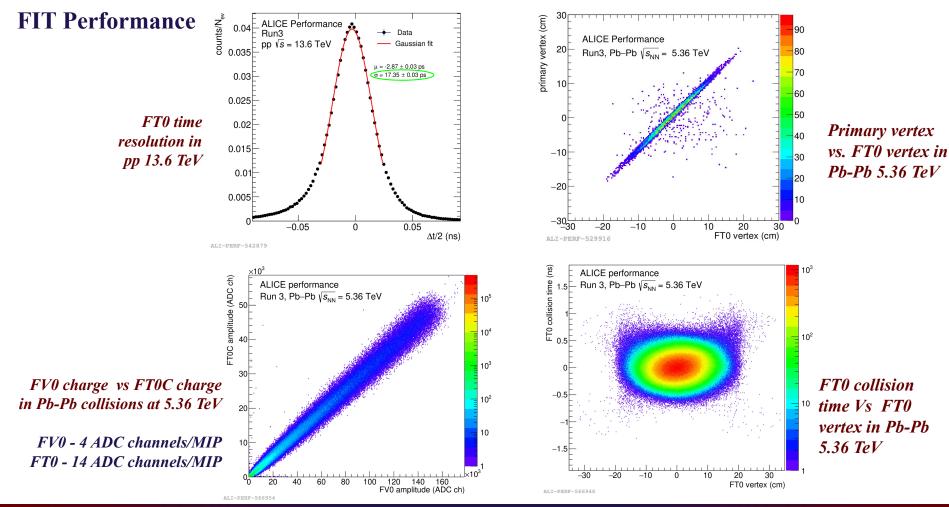


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The ALICE Fast Interaction Trigger performance and upgrade | FIT Performance



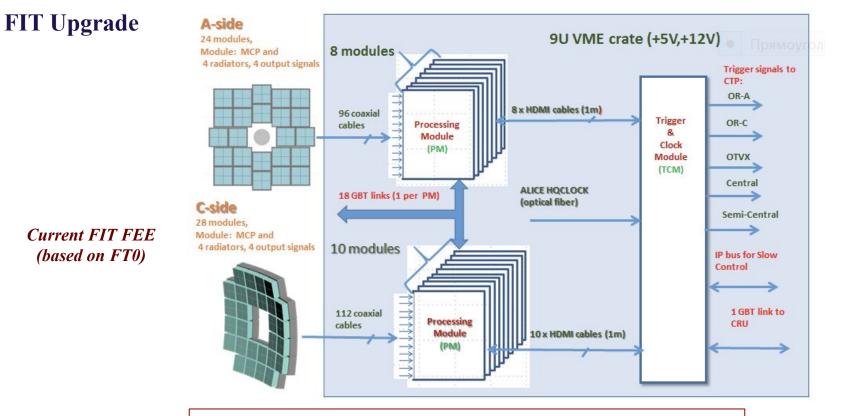


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The ALICE Fast Interaction Trigger performance and upgrade | FIT Upgrade





Upgrade plans for Run 4

- Replacement of analog with digital electronics based on FPGA and RFSoC
- Increase ADC dynamic range for charge measurements.
- Online tagging of pileup events

Sahil Upadhyaya

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Thank You ! Köszönöm !

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