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NA62 Collaboration meeting







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brazing the connectors to the silicon cooling plate





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•3D-printed assembly jig with Plexiglas machined surface.





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2x branches to fabricate 1 cooling frame

(EPFL/PH-DT MSc student will study them)

(common study with LHCb)









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microchannels



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Batch of 10 wafers for the delivery of 20 cooling plates. •Delivery of at least 50% of working devices (10 cooling plates).





Leti_P01 Hydrophobic

Leti_P02 Hydrophilic SiO2 1450Å





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Leti_P03 Hydrophobic CARO cleaning* on pattern wafer

Leti_P04 Hydrophilic SiO2 1500Å pattern **CARO** cleaned

Broken during grinding





6 (out of 10 wafers) perfectly bonded like Leti_PO4.
3 wafers (6 cooling plates) will be delivered on Wed. 3 Sept. with a thickness of 180 μm.
3 wafers are on hold before thinning until we tell Leti how to proceed.





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Leti_P08 PH-DT Detector Technologies

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Leti_P10



The installation of the cooling stations is foreseen during the weeks 37-38-39.

Next week the cooling plant will be commissioned, the electrical board will be installed and it will be sent to CERN.

Piping work in the cavern will start on September 4th.



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