Verry brief utrecht update

## In principle wp2/3 MOST handling tools. Some developments might be useful for Big Chip handling

From utrecht metaphor grabbing table and 6dof positing/lifting tool + a couple vacuum holders



Judith finished her thesis (success!)



## Summary: No Hole Foam cooling 4 °C/W @ aprox 4m/s on matrix



Note heater to foam gluing went a bit bad so is about 0.4mm glue/fr4 e.t.c. expect room for improvement see next slide

## New student just started. Aim to build LO-L1-L2 No-Hole cooling



Testing glue (so far nothing above 1w/mK) orderered some more hope to start Soon on small test with carbon foam then move to LO

## Aim to add space according to latest bonding design (need to stretch a bit in z to keep printing time reasonable)



For ease of access to temperature sensors we need separate layers wil ad proposal for Mounting and fixing constrains leaving some room for thermal expansions

