

# CNRS LPNHE Task 10.3



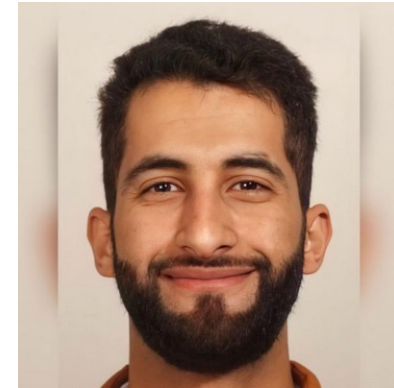
Our new ATLAS ITk / AIDAInnova postdoc finally joined the group

Some delay due to visa but now it is ok

Started in January mainly dealing with ITk construction activity, with some AIDAInnova work in parallel

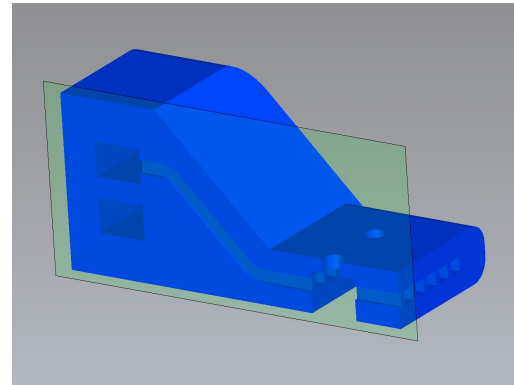
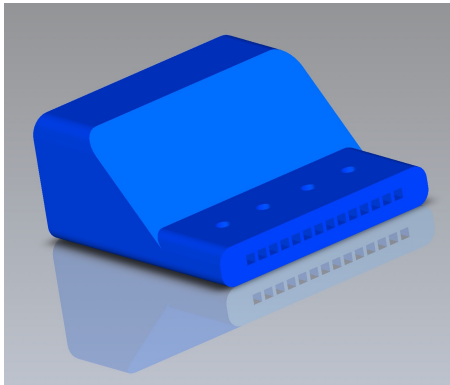
In AIDAInnova he looked mainly at WP6, where there was some more urgent need for ACF/ACP activity

Now the plan is to start following also the fabrication of the interconnection joint for micropipes in composite for WP10



Y. KHWAIRA

As we reported recently, after a lot of preparation and administrative work, Bond3D is not reacting for production of the inlet/outlet pieces



The design of these blocks has been improved to stand a higher pressure after the failure of the prototypes we printed in peek in Paris last year

Design: F. Bosi / Tests: P. Mammini

New contact with 3Dceram in Limoges for 3D printing in ceramics, thanks to A. Lantheaume (LPNHE)

Compatibility with process being checked (they offer various choices of materials)

Yahya would be the person to take the responsibility of follow-up the fabrication

Connection and pressure tests would be done at INFN Pisa as in the original plan

## Cryogenic workshop organised in Paris by AIDAInnova in collaboration with I.FAST and LEAPS-INNOV

April 16-17th 2024

<https://indico.cern.ch/event/1376314/>

