



Status of the Pellet Target

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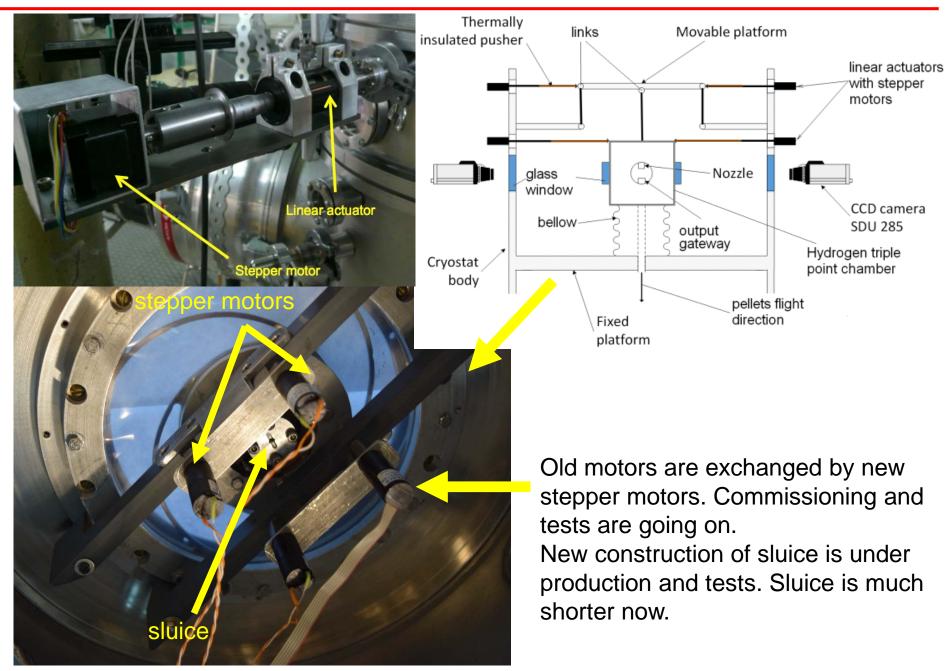
PANDA Meeting, Darmstadt, October 26-30, 2020

Pellet target activity in ITEP in 2020

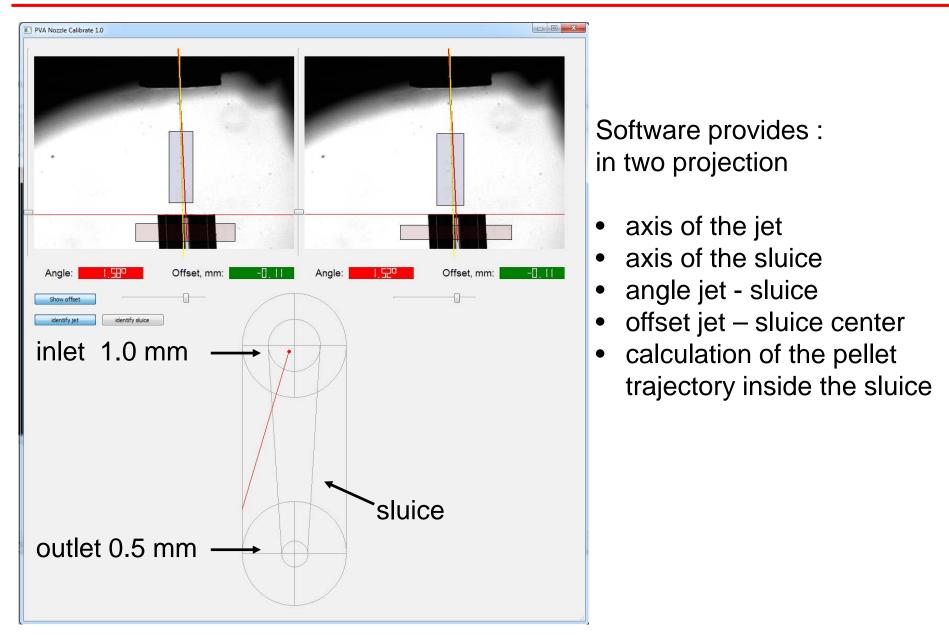
The main focus of our activity - transfer of the droplets through sluice:

- Update of the adjustment system.
- Debugging of adjustment diagnostics.
- Change the construction of the sluice.
- Collecting experience during tests.

Development of the adjustment system



Analysis software for the adjustment system



Summary

Totally we had 11 tests in 2020. Due to the corona virus the activity is reduced. Therefore from March up to now we had only 5 tests.

Achievement: all 5 tests we had with the same nozzle (\emptyset 26 μ m). This is record for long time operation for one nozzle.

The ITEP is working in the reduced mode now due to the corona virus. Government restricted the movement of people 65+ by blocking of the transport cards.

As result we have a big delay in our preparations of the Pellet target. But we continue the development of the Pellet Target.