

## **Future Flow-related projects**

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# Fluid flow in funnel-molds





## Gas flow in nozzle walls

Gas bubbles flow into nozzle through



What is gas distribution entering flowing steel?

Solve pressure and flow distribution inside porous ceramic nozzle walls

Project: Can clogging fraction & location be predicted?





Q. Yuan:

For particles bigger than PDAS, the entrapment logic is:











**Bret Rietow** 

### Find steel surface velocity = f(angle)

## Solve Navier-Stokes flow with free surface

#### Interface profiles (Nail board measurement)