



# Fluidised powder as a new target technology:

## The new rig is ready for take off!

Work by Chris Denham, Peter Loveridge  
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Presented by Ottone Caretta

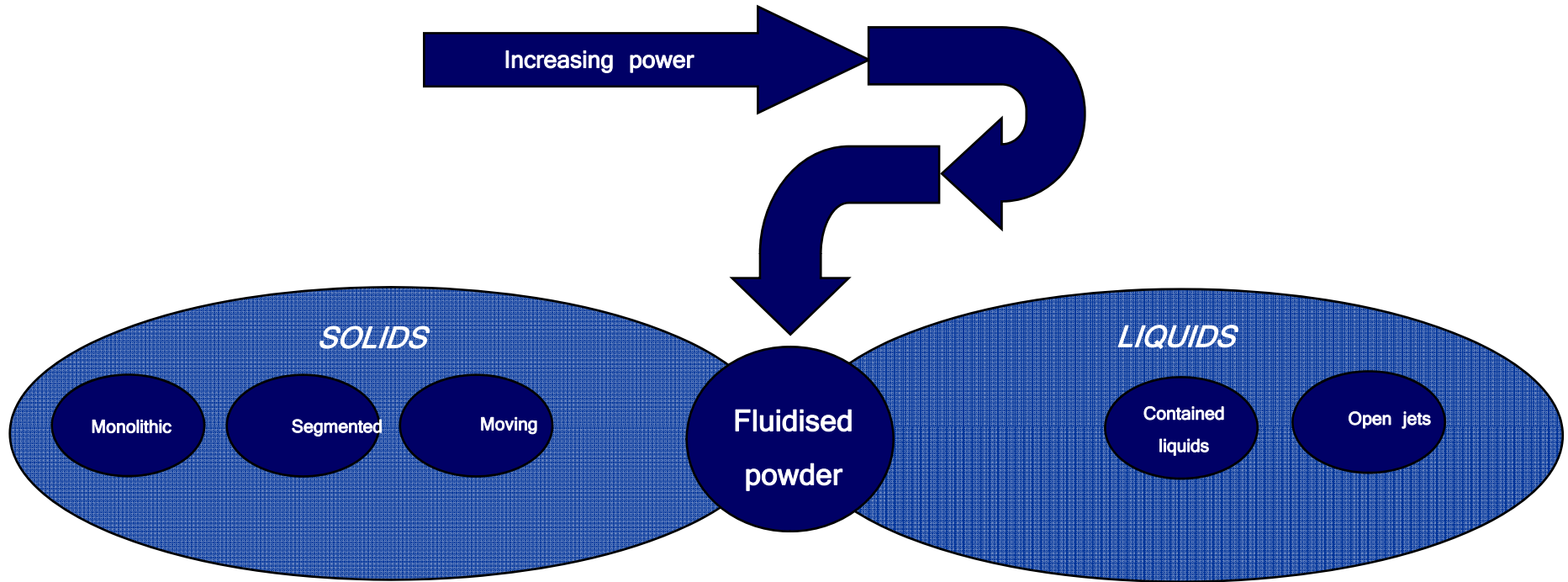
EUROnu-IDS meeting 2009

CERN March 2009



Science & Technology Facilities Council  
Rutherford Appleton Laboratory

# Is there a 'missing link' target technology?



has some of the advantages of both solids and liquids

## The powder loop

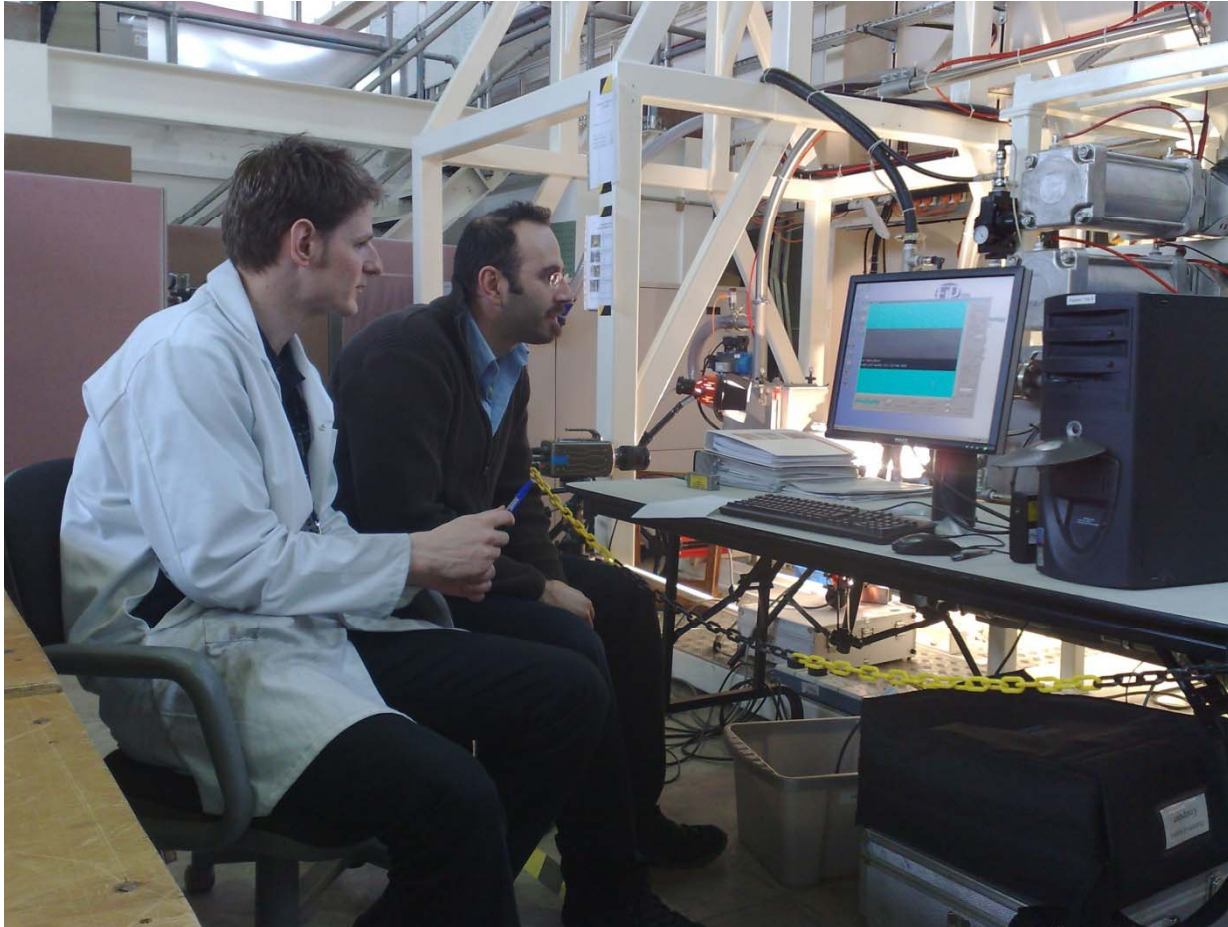




# The new rig is working!!!



# Clever minds at work?!

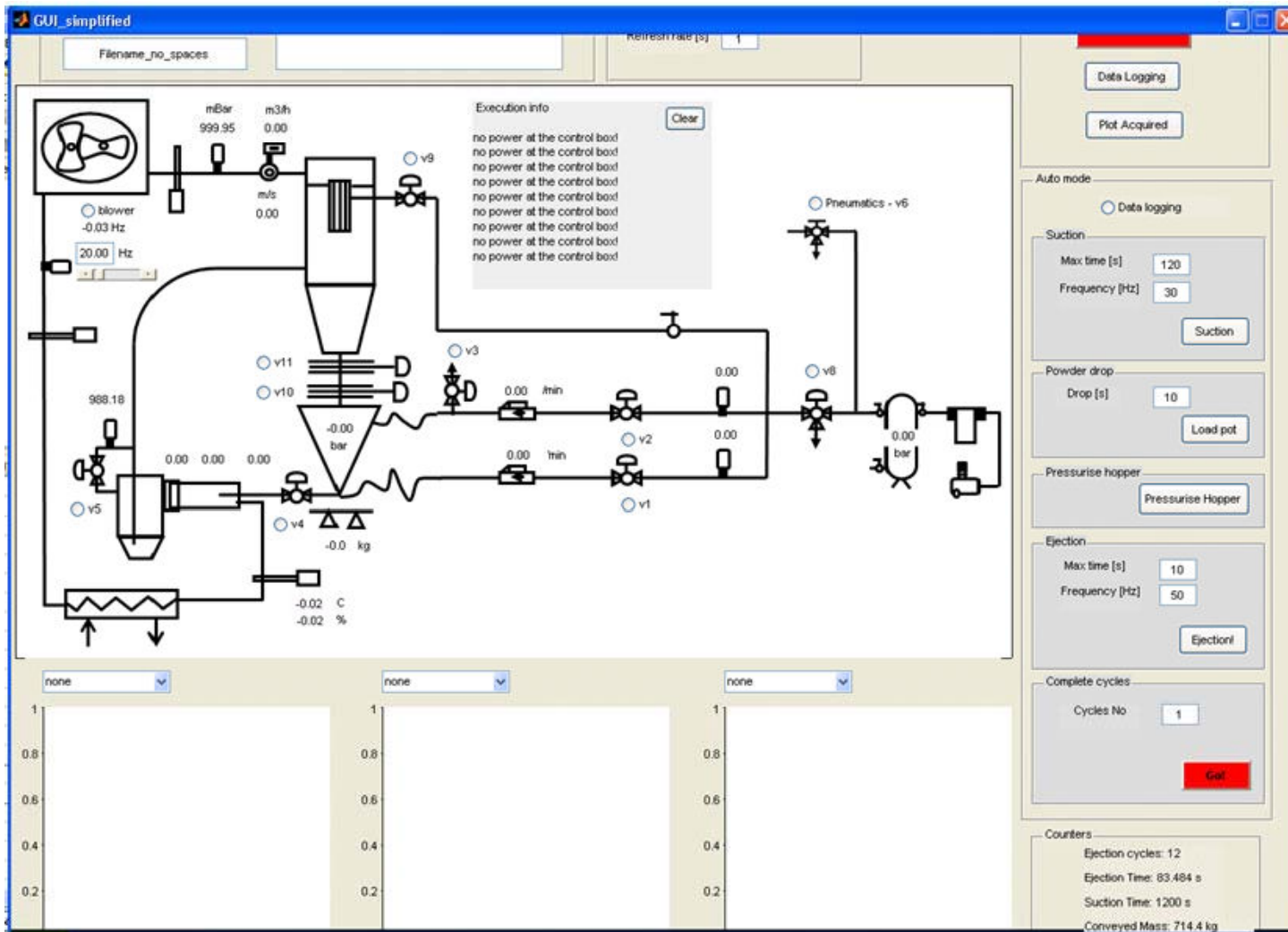




# Feedback and control system

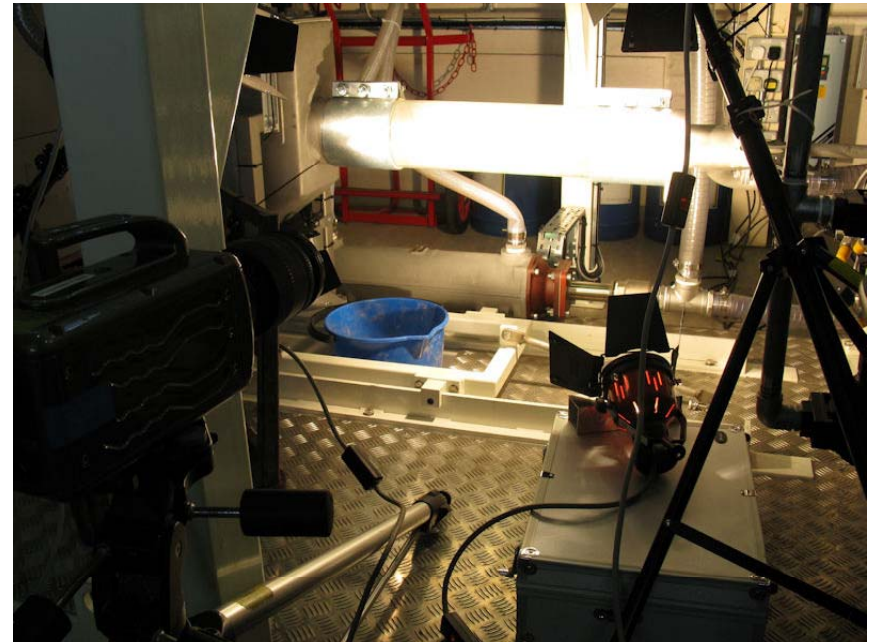
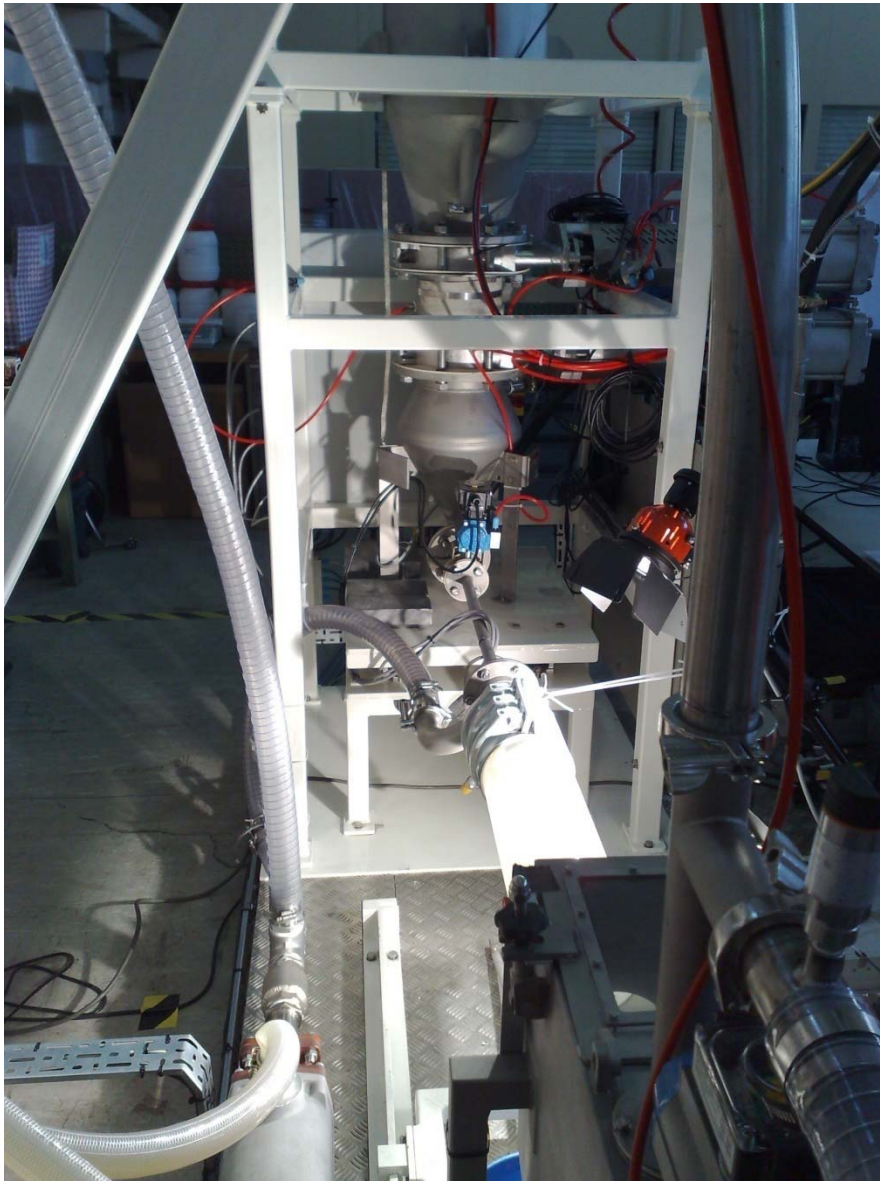


# The control interface





# Sight/test port







# The first jet



# Turbulence around the jet: the jet's tail





# Ready, steeeady...



- H&S GO!
- Pneumatics GO!
- Instrumentation GO!
- Electrics GO!
- Control & DAQ GO!
- HS camera GO!
  
- Huston, ready for takeoff!

