Optimalization of the gas distribution system for the MPD-TOF detector module

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Outline

• Task
• Software
• What have been done
• Results
• What’s next?
Task

Carrying out gas flow simulation for MPD-TOF detector module and selection of the best solution.
Software
What have been done
MPD-TOF module’s accurate model
Results

• Module models were made
• Simulations were carried out for many types of nozzles
• The best solution was choosen
What’s next?

• Make prototype of pipe
• Carry out pipe test
Thank you for attention!

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