



MetHyInfra

Computational Fluid Dynamics (CFD) Workshop

Who should attend?

The CFD workshop aims at addressing all interested people from industry to university with a CFD background ranging from beginner to expert level.

Why should you attend?

During this full-day event, you will learn about how to use CFD in practical applications. You will be guided through the stages that are necessary to set up your own CFD model and will see how CFD can contribute to the understanding of the flow in critical nozzles.

Confirmed speakers

- Sebastian Weiss, PhD student, Working Group “Modelling and Simulation”, PTB
- Sonja Schmelter, Head of Working Group “Modelling and Simulation”, PTB
- Jiri Polansky, CFD consultant, MECAS ESI

Save the date

Thursday, **15 June 2023** – full day

Hybrid meeting @ RISE, the Swedish National Metrology Institute, located in Borås

Registration: <https://www.ri.se/en/news/calendar/methyinfra-workshop>

The agenda will be available from 29 May 2023 – please visit our [website](#)

Topics:

1. General introduction to OpenFOAM
2. CFD for Critical Flow Venturi Nozzles (CFVNs):
Challenges, approaches, and results
3. Tutorial case of a critical nozzle:
FROM Adjusting the mesh TO visualizing the flow field

+ download the code of the tutorial case for your own use

+ join the [stakeholder workshop](#) on 14 June 2023

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[Website](#)



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