CFD Letters – Tutorials

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File Preparation

- All files, in native format, must be placed in one directory and converted to ZIP file
- The ZIP file must be named as CORRESPONDING_AUTHOR_LASTNAME.ZIP
- The ZIP file must be uploaded to a public file repository and the link must be provided in the abstract and in the submission form.

Article Structure

- **Title:** The title must not be longer than 17 words. The title should express the essential elements of the tutorial. Example: Time-varying Boundary Condition with Anisotropic Turbulence Generation in OpenFOAM. Example: Mesh Sensitivity of Large Eddy Simulation of Cavity Flow in ANSYS Fluent.
- Abstract: The length of the abstract is 250 words. The abstract should be written as following:
 - Problem Description: Briefly describe the CFD problem investigated by this tutorial.
 - Methods: List the methods used in the tutorial (software, subroutines, codes, datasets).
 - Impact and Significance: Describe the importance of the tutorial and identify interested readership.
 - Link to tutorial files: Provide hyperlink to a publicly available ZIP directory contains all the tutorial files.
- **Keywords:** Three to six keywords that best identify the topic of this article.
- Introduction: In the introduction section, authors should describe the relevance of their work. The information provided in this section should introduce the reader to the tutorial from a technical viewpoint. Authors should describe the function of the case in hand, and refer to available published studies that are related to this case. The authors should write this section with the understanding that the readership of this section combine different fields and disciplines. Brief literature review of the topic, of not more than 5 closely related references would be very interesting to the readers. This section should not exceed 500 words.
- Mathematical and physical details: This section should describe the basic physical and mathematical equations used in the tutorial with their appropriate references. The section should be very brief and only contains the equations and algorithms related to the tutorial. Basic fluid flow equations (such as Navier-Stokes and equations) and the widely cited models (such as the k e turbulence model) should not be written in details. The length of this section should not exceed 200 words excluding equations.
- **Tutorial:** Detailed description of the tutorial files as uploaded to a public file repository by the author. The description should contain file formats, instructions on opening, compiling and running the tutorial files, required software to execute the tutorials and instructions on how to view the results. If the tutorial explains verification or validation examples, description of the benchmark dataset with proper references must be included in this section. The word limit of this section is 1200 words.
- **Results:** This section should describe examples of results of not more than three figures and 400 words of description.
- **References:** A list of all references used in the article formatted according to the article template.