

Abstract template for the high-order workshop

1. Code description

One paragraph describing:

- Discretization (FD, FEM, FV)
- Relevant solvers
- High-order capability
- Parallel capability
- Post-processing
- Other features used for case (e.g. adaptivity)

2. Case summary

- Residual tolerances or other convergence criteria
- Machines used (number of cores if parallel)
- Taubench CPU times on machines used

3. Meshes

Description of meshes used for the case. If provided meshes were used, state which ones and if any conversion process was employed. Otherwise provide the following information:

- Domain size, including location of farfield boundaries
- Structured/unstructured, mesh spacing
- Method of generating uniform refinements and preserving geometric fidelity
- Method of curving meshes, if applicable.

4. Results

Provide the results requested in the problem description. For the abstract, figures are sufficient, with associated explanations. Tabular data will be requested during data submission.