

Presentation Guideline

This is a guideline of information that is expected to be included in participants' presentations. Please try to limit the presentation to approximately 10 slides (excluding reference slides). Some test cases may require more.

Discretization Scheme Slides

Using no more than 2-3 slides, please discuss the following topics if applicable to your solver

- Brief description of discretization scheme
- Quadrature order and other discretization parameters
- Geometry representation (e.g. for curved boundaries)
- Time Integration
- Non-linear solver (e.g. Newton's method)
- Linear solver (include preconditioner if iterative)

Please only present highlights of your method, and use references to refer to more detailed information.

Verification Slide

One single slide summarizing the results of the required verification case. Please also state any other verification cases used, but there is no need to show the results.

Test Case Slide(s)

Please follow the guidelines provided by the individual test cases.

Conclusion Slide

Please provide answers to the following questions.

- Were the verification cases helpful and which ones were used?
- What improvements are needed to the test case?
- Did the test case prompt you to improve your method/solver?
- What worked well with your method/solver?
- What improvements are needed to your method/solver?

Appendix with Slides with References

List all pertinent references including any papers and presentations. This should serve as a source after the workshop for those interested in your research to learn more.