

Suggested Presentation Guidelines for Propagation Cases:

Workshop presentations are planned for 30 minutes, with 20 minutes for presentation and 10 minutes for questions. Summary presentations of the test cases will begin the morning. Please do not include the provided test case input details in the individual participant presentations. We have a very full day planned, so please be brief.

1. Introduction / Outline
2. Summary of cases analyzed
3. Propagation prediction code
 - Method of preparation of input data for use in prediction code, if any (multipole expansion, etc.)
 - Incorporation of realistic atmospheric profiles, particularly pressure interpolation method
 - Summary of prediction code and the capabilities used
 - Loudness code, if used
 - Computing Platform: scalar/parallel, shared/distributed memory, # processors
4. Prediction code parameters. Examples include:
 - Sampling frequency
 - Step size
5. Loudness convergence
 - Convergence criteria
 - Convergence history

If all cases were run to similar convergence then a typical convergence history is sufficient
6. For each case analyzed:
 - Ground signatures
 - Lateral cutoff angles and locations
 - Lateral cutoff signatures, if computed
 - Loudness values, if computed
 - Changes made to submission if contacted by the committee for clarification
7. Highlights - Please highlight anything unique or of particular interest – about the nearfield input signatures, the atmospheres, or your solutions – that you found during your analysis.

8. Summary / Conclusions

Thank you for your participation!

For more information:

<https://lbpw.larc.nasa.gov/>

aiaa-boompw-committee@lists.nasa.gov