



3rd AIAA

Geometry and Mesh Generation Workshop

Organizing Committee

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Co-located with the
4th High Lift Prediction Workshop

January 2022

AIAA Science and Technology Forum and Exposition
San Diego, CA, USA

Workshop Objectives

- Assess current state-of-the art in geometry and mesh generation technology and software for aircraft and spacecraft systems
- Identify and develop understanding of areas of needed improvement (performance, accuracy, applicability) in geometry and mesh generation technology software
- Provide foundation for documenting best practices for geometry and mesh generation
- Participants in GMGW-3 and HLPW-4 will be working in a highly collaborative manner within Technology Focus Groups to address key questions of importance in several areas of interest to both workshops including:
 - Geometry Modeling and Preparation for Meshing
 - Fixed Grid RANS
 - Mesh Adaptation RANS
 - High Order Discretization RANS
 - Hybrid RANS/LES (HLPW only)
 - Wall Modeled LES & Lattice Boltzmann (HLPW only)

Participation

- Open to participants worldwide
- Join us for an unbiased forum for discussion of results and promotion and cross-pollination of best practices.
- Participants (those people who generate geometry and/or meshes) and any interested parties who wish to attend, listen, and contribute are welcome.

More Information

GMGW-3 Website: <http://gmgworkshop.com/>

HLPW-4 Website: <https://hilitpw.larc.nasa.gov/>

Email: meshingworkshop@gmail.com



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