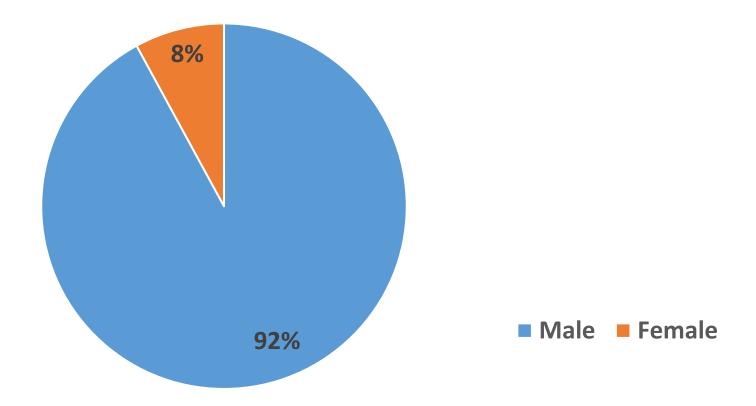




Advanced Manufacturing & Repair for Gas Turbines

March 3-4, 2020 Charlotte, NC

Gender





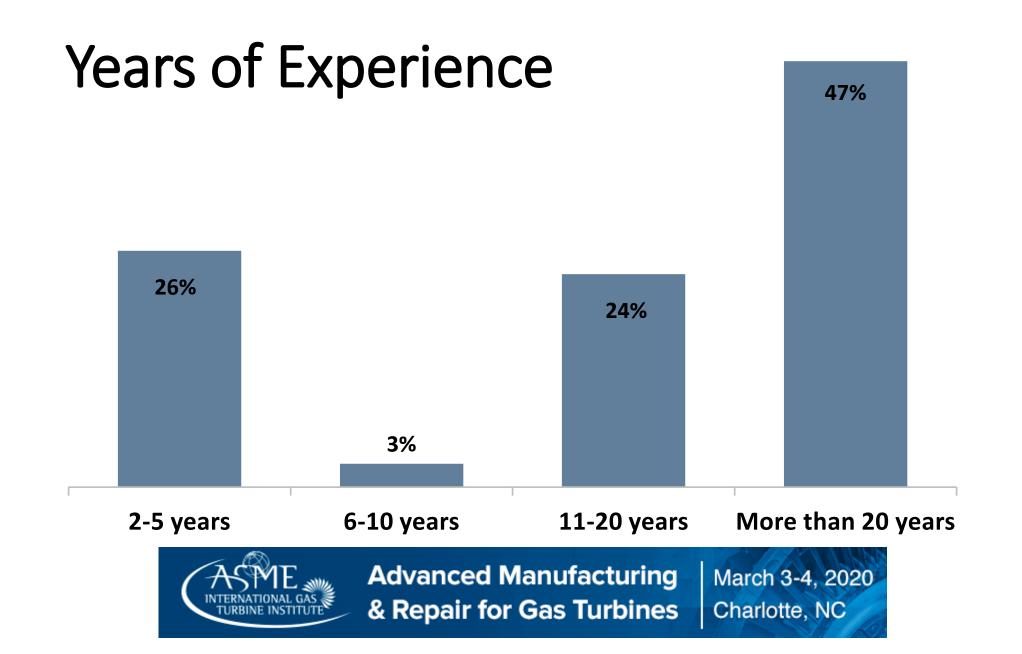






Advanced Manufacturing & Repair for Gas Turbines

March 3-4, 2020 Charlotte, NC





Advanced Manufacturing & Repair for Gas Turbines

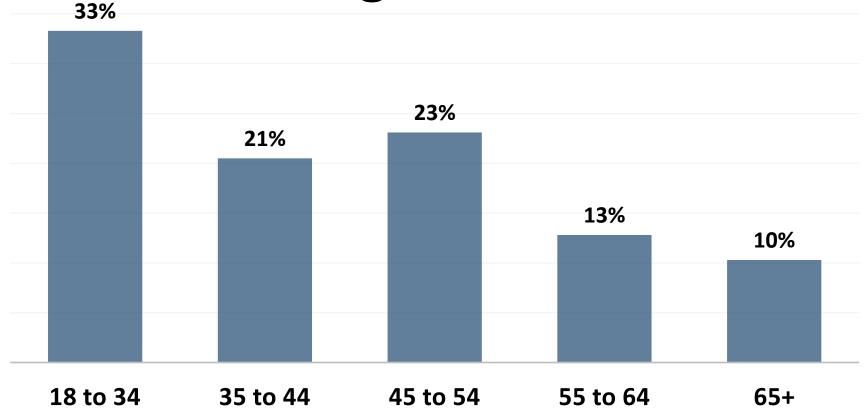
March 3-4, 2020 Charlotte, NC







Age of Attendees





UL

Additive Print Outcomes

- Addates Manufacturing
- Simulate and visualize part deformation and stresses due to accumulated thermal stresses during the build
- Calculate stress based thin or thick wall supports to overcome the accumulated stresses and hold the part to the baseplate

UL

geometry

Additive Print Outcomes

Simulate and visualize part deformation and stresses due to accumulated

* Create compensated STL files that should result in more accurate as hulld

Determine the amount of deformation that may occur after acting the parts from the base plate and determine if thermal stress relief is required prior to o

thermal stresses during the build

· Calculate stress based thin or thick wall supports to

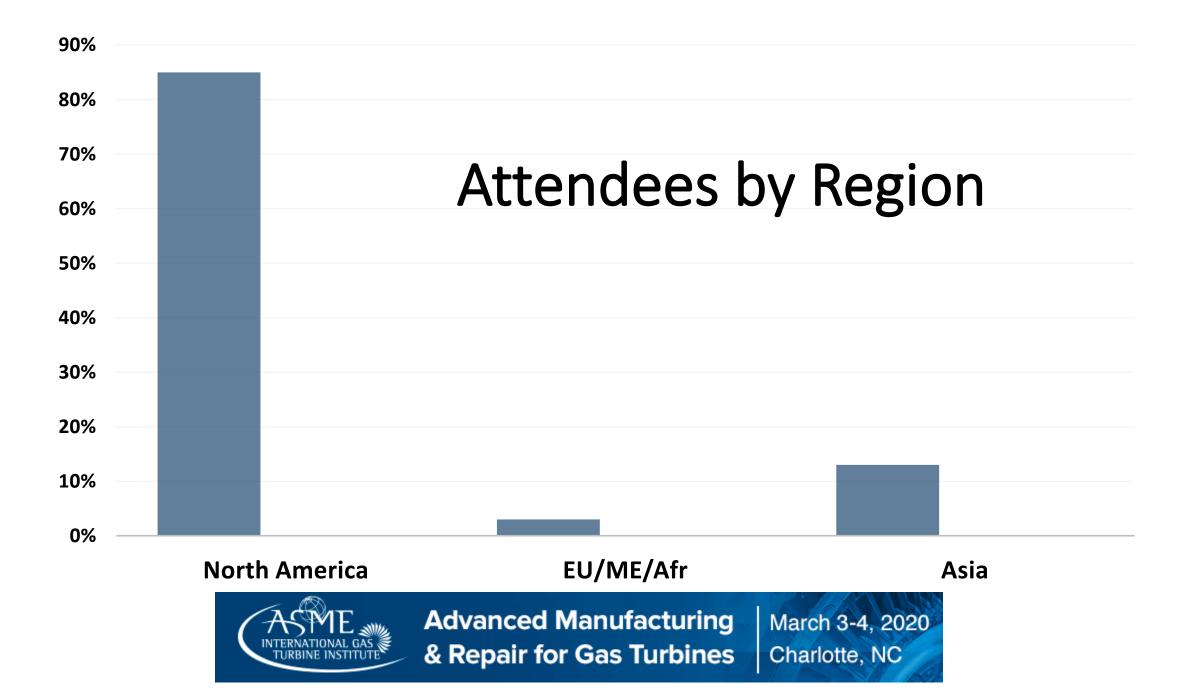
stresses and hold the part to the baseplate · Determine areas of the part where a blade crash may occur causing part failur EXIT

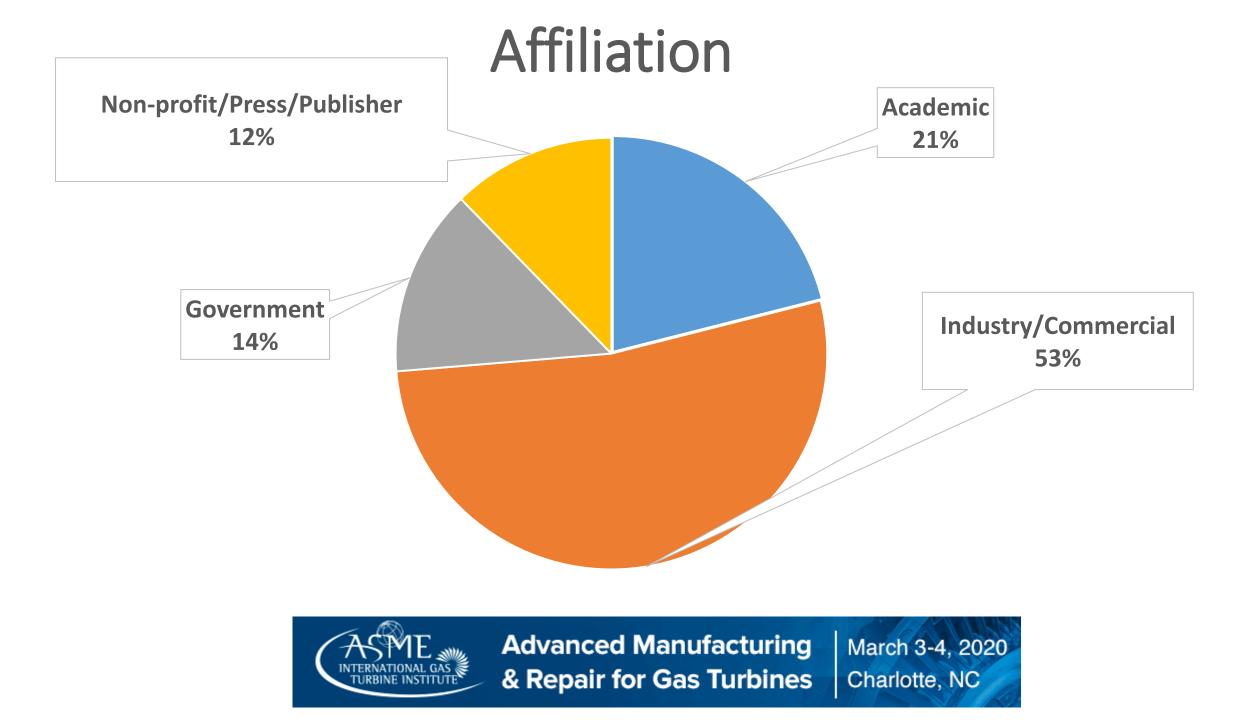
F

11/1

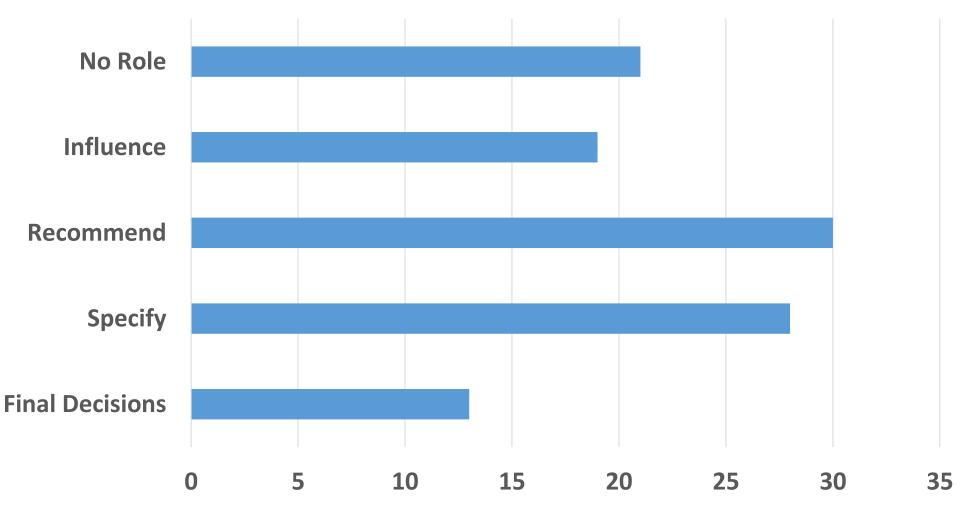
ASME INTERNATIONAL GAS TURBINE INSTITUTE

- Determine areas of the part where a blade crash may occur causing part failure or build suspension
- Create compensated STL files that should result in more accurate as build geometry
- Determine the amount of deformation that may occur after cutting the parts from the base plate and determine if thermal stress relief is required prior to cut off





Buying Power





Advanced Manufacturing
& Repair for Gas TurbinesMarch 3-4, 2020
Charlotte, NC



AMRGT

Advanced Manufacturing & Repair for Gas Turbines

Online, Virtual Oct 5–8, 2021