

high fidelity design tools are of interest.

aspect ratio and ducts with cross sections that are not rectangular.

cross section.

develop flow at the inlet is provided by a companion LES simulation.



# 2016 UTSR Workshop Flow and Heat Transfer in a Smooth U-Duct with Trapezoidal Cross Section

Kenny S. Hu and Tom I-P. Shih, School of Aeronautics and Astronautics, Purdue University, West Lafayette





