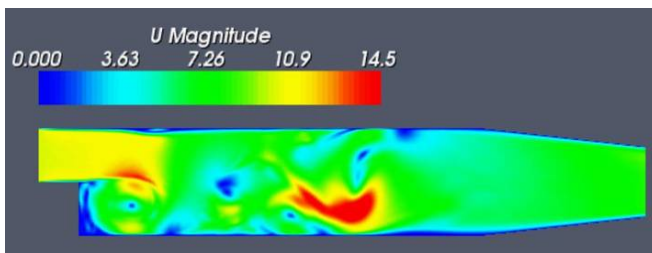




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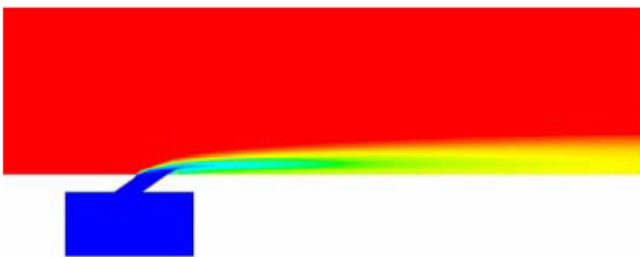
Research Activities

- Computational Heat Transfer
- Turbulent Heat Transfer Modeling
- Film Cooling and Jet Impingement Cooling
- Combined Convection/Thermal Radiation
- Gas Turbine Engine Heat Transfer
- Two-Phase Heat Transfer
- Enhanced Heat Transfer



Equipment

- Thermal Conductivity Measurement Unit
- Boiling Heat Transfer Unit
- Heat Exchanger Performance Unit
- Thermal Radiation Unit
- Air Wind Tunnel (Fans Performance Measurement)



Software

- Special-Purpose Software Development
- FSI numerical simulation
- High performance computation capable of Supporting up to a 10 million mesh size

