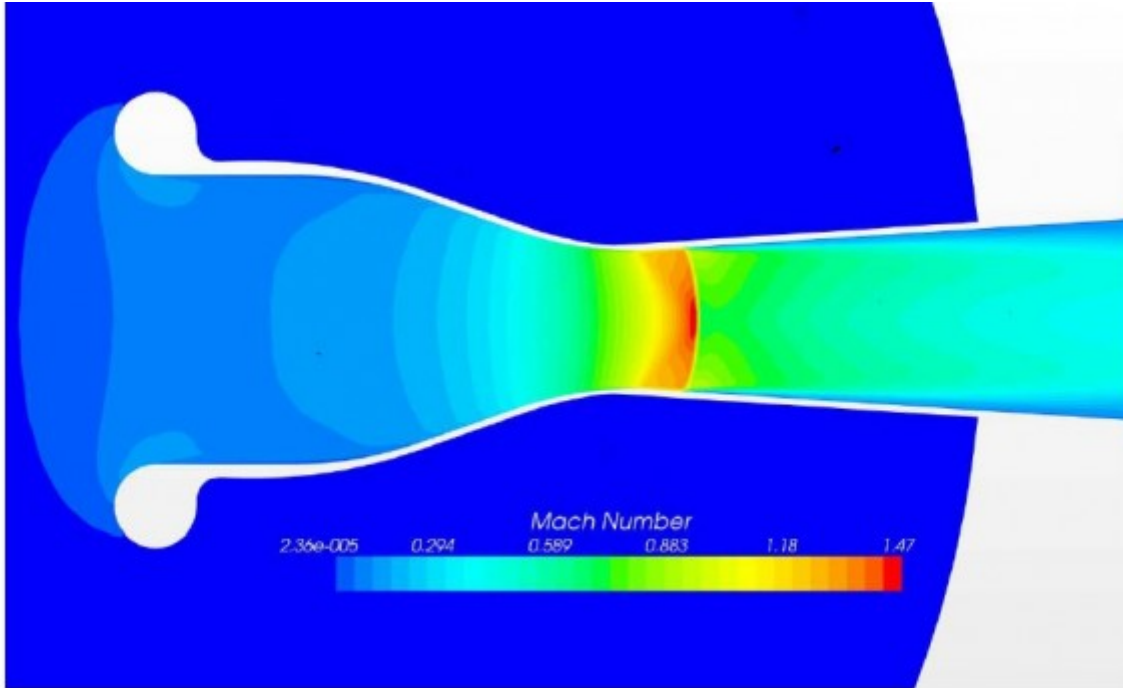




CTU CARTECH CFD report



Date:

Saturday, October 1, 2011

Abstract:

Team CTU Cartech has taken part in this year Formula Student competitions with third car-prototype called FS.03. Our intension was to reach the top ten at least in one competition. In order to achieve our goals we aimed to improve our overall team performance trough disciplines. We are sure that CFD simulations are important part of the design process, because they can improve the car performance at the track and team presentation during the design event. CFD can be used in Formula Student for the following areas

- Aerodynamics
- Engine performance
- Heat transfer.

With the help of STAR-CCM+, we have been able to perform CFD simulations for the first time in our teams history. We will now review the work done with STAR-CCM+ software during the last year.

[CTU Cartech CFD report.pdf](#)_[1]

Author Name:

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