

Profs. Jesse Little and Israel Wagnanski are accepting applications for students who are interested in writing their Bachelor or Master thesis in the Department of Aerospace and Mechanical Engineering at the University of Arizona in Tucson, AZ (USA) with focus on experimental fluid dynamics and flow control. Opportunities for PhD dissertation research are also available. Financial support to help with living expenses will be provided. Applications are continuously accepted with rotating deadlines of October 1 and April 1 each year. Additional detail is provided below:

Topics: experimental fluid dynamics (both subsonic and supersonic flows), flow control, various measurement techniques (flow visualization, 2D/stereo/tomo PIV, pressure measurements including pressure sensitive paint, schlieren imaging, etc.). See [www.tfcl.arizona.edu](http://www.tfcl.arizona.edu) for project examples.

Location: The University of Arizona in Tucson, AZ (USA)

Advisor: Profs. Little and/or Wagnanski (for transferring the thesis to TUB, Prof. Paschereit will be the contact)

Duration: 9-12 months (with option to extend)

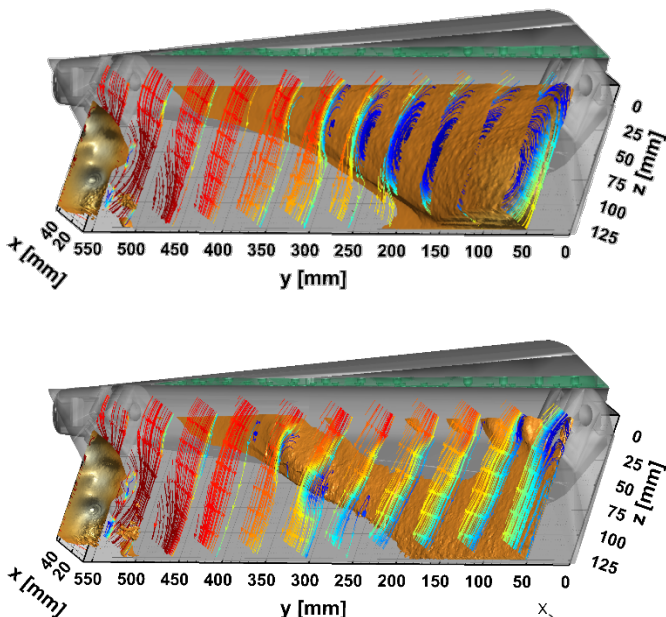
Desired Prerequisites: fundamental understanding of fluid dynamics; basic design/hands-on abilities; experience with experimental techniques; Matlab, SolidWorks and LabView experience

Financial Support: A stipend of approximately \$1000/\$500/\$250 per month for a trial period of 3 months and then \$2000/\$1000/\$500 per month after the trial period for PhD/MS/BS students respectively will be provided.

Additional financial support may be available through the PROMOS program and Bafoeg.

Contact Person: Please contact Dr.-Ing Philipp Tewes ([tewes@email.arizona.edu](mailto:tewes@email.arizona.edu)) for additional information/questions or to submit an application

Your application package should include a CV (in English) and a transcript with the courses you are currently taking (in English)



Particle Image Velocimetry of baseline (top) and controlled (bottom) flow over the deflected flap of a generic trapezoidal wing.