Postdoctoral Position in Experimental Turbulent Combustion at Clemson University, SC, United States

A postdoctoral scholar position in experimental turbulent combustion funded by NSF is available at Clemson University, starting in January 2024. The focus of the project is to investigate the self-conditioned mixture fraction and temperature statistics for improving the self-conditioned large-eddy simulation approach using experimental data. Measurements will be made in the turbulent jet flame facility at Clemson University using our new laser diagnostic technique. (Research group website: https://linkprotect.cudasvc.com/url?a=http%3a%2f%2fcecas.clemson.edu%2f~ctong&c=E,1,l0d6Bi4I_7O8XOs6vNWHGXwp1TyOexwy1NS7_o32oPRg2H35Luu7btBIOkaDHxplD3wfs39MpeiaYvvB4yAjV_s4n4bkSSpIKFefFpA7iUdpORX8PLihUs,&typo=1)

Strong knowledge of turbulent combustion and experience with laser diagnostic techniques are required. Applicants must have a doctorate in mechanical engineering or a related field. The successful candidate will play an important role in all aspects of the research. The position is initially for one year with the possibility of renewal for a second year. If interested, please send a current CV with a list of three references to Professor Chenning Tong at ctnong@clemson.edu.