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 May 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%2fctong&c=E,1,1E24Ws5_YL5d3XGfl-JC3PhISH1KVek2Oi31HyEERCqHiqvq86nWD0wmb3Yvvl9X2E4dwgr_JGLptdE5Kve2tM-hHvhAm5k7VM4CJjvfc49gg,,&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 ctong@clemson.edu.

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