

## **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%2fecas.clemson.edu%2f~ctong&c=E,1,ldVD6Bi4l\\_7O8XOs6vNWHGXwp1TyOexwy1NS7\\_o32oPRg2H3SLuu7btBIOkaDHxplD3wfs39MpeIaYvvB4yAjV\\_s4n4bkSSplKFefFpA7iUdpORX8PLlhUs,&typo=1](https://linkprotect.cudasvc.com/url?a=http%3a%2f%2fecas.clemson.edu%2f~ctong&c=E,1,ldVD6Bi4l_7O8XOs6vNWHGXwp1TyOexwy1NS7_o32oPRg2H3SLuu7btBIOkaDHxplD3wfs39MpeIaYvvB4yAjV_s4n4bkSSplKFefFpA7iUdpORX8PLlhUs,&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](mailto:ctong@clemson.edu).