

Open Positions for Post-doctoral Scholars

Center for Combustion Energy Tsinghua University

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The Center for Combustion Energy (CCE) at Tsinghua University invites applications for several postdoctoral positions in combustion. The CCE is directed by Prof C.K. Law and aims at attaining a position of international prominence in research on combustion energy and science. Tsinghua University is one of the premier universities in China and is highly placed in various rankings of world universities.

The positions are for a period of two years with competitive salaries and benefits. Candidates with expertise in one or several of the following research areas are encouraged to apply: chemical kinetics, laser diagnostics, flame dynamics measurements, numerical simulation and modeling of flames and reacting flows, near-limit phenomena, and microgravity flames. Candidates must hold a Ph.D. degree in one of the following fields: Aerospace Engineering, Applied Mathematics, Chemical Engineering, Mechanical Engineering, Physics, Physical Chemistry, or a related field. Candidate should also demonstrate proven record of research achievements. The successful candidate is expected to conduct research with sufficient independence and initiative, and contribute to paper writing and public presentations. An advanced level in spoken and written English is required. Knowledge in Chinese language is preferred but not essential.

Applicants should submit a cover letter, curriculum vitae, and contact information for at least two references. The cover letter should discuss the research achievements and professional plans of the candidate, sent via email using the subject "CCE postdoc position". The selection process will start immediately. The individual faculty members to contact are:

- Chemical kinetics and flame dynamics measurements: contact Prof Mével.
- Laser diagnostics: contact Prof Liu and/or Prof Mével.
- Numerical simulation of flames: contact Prof Valiev and/or Prof Liu.
- High-performance computing of reacting flow: contact Prof Valiev.

