POSTDOCTORAL POSITION
ENGINEERING / THERMAL RADIATION, OPTICS, AND LASER TRANSPORT
NYU Abu Dhabi

The Engineering Division of New York University Abu Dhabi is currently inviting applications for a postdoctoral appointment for a two-year term. Junior faculty members seeking a one- or two-year research appointment are also encouraged to apply. The earliest starting date is January 1, 2016.

The areas of interest are thermal radiation and laser transport, optics, microfluidic and optical devices, and low speed flows. Experience with computational radiative transfer, computational electro-magnetic modeling, electro-magnetic wave theory, experimental laser systems (especially pulsed and wavelength tunable), or microfluidics and microdevices is a plus.

Candidates must have a strong record in any of the above areas of research and have a PhD degree in the related engineering discipline. Applicants must be ambitious, self-motivated, possess excellent writing and presentation skills, and be capable of initiating and delivering projects with minimal supervision. Demonstrated experience or interest in emerging interdisciplinary areas is preferred.

Completed applications will be reviewed immediately and review will continue until the position is filled. Candidates should submit a cover letter, curriculum vitae, and a research statement. Please visit our website at http://nyuad.nyu.edu/en/about/careers/faculty-positions.html for instructions and other information on how to apply. To complete the online process, applicants will be prompted to enter the names and email addresses of at least three referees. If you have any questions, please e-mail Prof. Sunil Kumar at sk3184@nyu.edu.

Compensation and benefits are extremely generous and highly competitive with top-tier US research universities. Travel support to international conferences is included, as is support for collaborations with NYU Tandon School of Engineering in New York. Frequent travel to New York is envisioned for this position.

About NYUAD:
New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents: Accra, Berlin, Buenos Aires, Florence, London, Madrid, Paris, Prague, Sydney, Tel Aviv, and Washington. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

In its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are distinguished in their research and teaching. NYU Abu Dhabi’s highly selective liberal arts enterprise is complemented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering. The Institute will invest significant funds in creating a hub for research related to social, economic, and political development in the broader region; applications from candidates with an ambition to contribute to this agenda are especially welcome.

EOE/Minorities/Females/Vet/Disabled