Assistant Professor (Energy Focus)

Applications are invited for the following faculty positions at the University of Houston in the Department of Electrical and Computer Engineering:

**Assistant Professor (tenure-track, 2 positions):** We are seeking exceptional candidates in the following energy related areas:

- Power electronics, electric machines, and drive systems
- High-frequency power conversion systems
- Modeling of power system dynamics
- Power systems, renewables integration, and microgrid management
- Prognostics and health management of power converters and electric machines
- Next-generation wireless power transfer
- Power conversion systems for extreme environments (e.g., subsea, down-hole, space, nuclear, etc.)

The department is seeking outstanding candidates with the potential for exceptional research, excellence in teaching, and a clear commitment to enhancing the diversity of the faculty, graduate, and undergraduate student population. The start date for these positions is Sept. 1, 2017. Applications will be reviewed until the positions are filled. Applicants must already possess an earned doctorate in electrical engineering, computer science, physics, or a related field at the time of application. For a position at the Assistant professor level, post-doctoral experience is not required, but preferred. For a position at the Associate/Full professor level, applicants must have a record of scholarship, teaching, and externally funded research commensurate with the rank.

The University of Houston (UH) is a Carnegie Tier 1 public research university located in a park-like campus close to major energy companies and the Texas Medical Center. Houston is a thriving city with an internationally diverse population, first-rate recreational opportunities, excellent schools, and affordable housing. The University of Houston, a designated Hispanic-Serving Institution, is among the top 25 colleges and universities granting undergraduate and graduate degrees to Hispanics and among the top 50 for enrolling Hispanic graduates and undergraduates. Additionally, the University ranks among the top 25 institutions for full-time, four-year undergraduate and graduate enrollment. It is an ADVANCE institution, one of a select group of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM. The University Houston is responsive to the needs of dual career couples.

**How to Apply:** Please apply online at [https://jobs.uh.edu/postings/32624](https://jobs.uh.edu/postings/32624) (assistant professor). Pre-application enquiries are welcome? please contact Prof. Badri Roysam at broysam [at] uh [dot] edu.

*The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply.*