

Power Electronics Laboratory Postdoctoral Scholar Position

Position: Postdoctoral Scholar

Starting Salary: \$32,304.00

Start Date: Open

The Power Electronics Laboratory at the University of California, Irvine announces the availability of a Postdoctoral Scholar position.

The successful candidate will be the task leader of a research team working in the area of power electronics for energy conversion. The responsibilities of this position include (a) interfacing with industry partners for project definition and collaboration, (b) theoretical analysis, simulation, design of high power, high voltage, high frequency circuit (c) construction of the circuit and execution of experiments.

The successful candidate must have strong background in one or more of the following areas: 1) PWM and resonant converters, 2) High voltage, high frequency, high power design, 3) Precision current and voltage sensing and measurement, 4) Precision control 5) excellent circuit experimental skill. Candidates with experience performing large-projects and a proven publication record in high quality peer reviewed journals and conferences are encouraged to apply. A Ph.D. in Electrical Engineering or closely related field is required. Some background in physics is considered an asset. Strong interpersonal skill is required.

Application Deadline: Open

To apply for this position, please send a CV, list of publications, names of at least three references and a cover letter to:

Professor Keyue Smedley
Department of Electrical Engineering and Computer Science
University of California
Irvine, CA 92697-2625

Alternatively, application materials may be submitted electronically to Smedley@uci.edu

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity.