



UNIVERSITY OF ARKANSAS

Post-Doctoral Fellow Position

The Department of Electrical Engineering at the University of Arkansas invites applications for a post-doctoral fellow. Applicants seeking other position levels will not be considered. The candidate is expected to conduct research relating to design, simulation and, **very importantly**, prototyping of power converters used in future energy systems and advanced motor drives, supervise graduate students, write research reports, articles, and **proposals as well as** develop professional presentations.

Minimum Qualifications: The candidate should have earned his/her PhD degree in Electrical engineering, with emphasis on power electronics.

Preferred Qualifications: The preferred requirements for the position would include very good practical experience in terms of prototyping power converters and programming digital signal processors or microcontrollers, publication of research results in recognized publications, and limited teaching experience.

The Department of Electrical Engineering is home to the National Center for Reliable Electric Power Transmission (NCREPT.uark.edu), the NSF-sponsored Center for Grid-connected Advanced Power Electronic Systems (GRAPES.uark.edu) and the DOE Cybersecurity Center for Secure, Evolvable Energy Delivery Systems (SEEDSCenter.uark.edu). The University of Arkansas is also part of the NSF-sponsored Engineering Research Center for Power Optimization of Electro-Thermal Systems (POETS-erc.org). The Electrical Engineering Department is one of eight departments in the College of Engineering at the University of Arkansas. The department provides the education necessary for Electrical Engineers at all degree levels. The diverse faculty and staff of the department play an integral role in this education experience.

Applications must include:

- 1) a letter of application;
- 2) a complete curriculum vitae;
- 3) the names and contact information for at least three professional references.
- 4) listing of publications

Interested persons should apply through the University of Arkansas Human Resources website posting – <http://jobs.uark.edu/postings/24679> .

The University of Arkansas is an equal opportunity, affirmative action institution. The university welcomes applications without regard to age, race/color, gender (including pregnancy), national origin, disability, religion, marital or parental status, protected veteran status, military service, genetic information, sexual



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orientation or gender identity. Persons must have proof of legal authority to work in the United States on the first day of employment. All applicant information is subject to public disclosure under the Arkansas Freedom of Information Act.

The University of Arkansas is committed to providing a safe campus community. We conduct background checks for applicants being considered for employment. Background checks include a criminal background check and a sex offender registry check. For certain positions, there may also be a financial (credit) background check, a Motor Vehicle Registry (MVR) check, and/or drug screening. Required checks are identified in the position listing. A criminal conviction or arrest pending adjudication or adverse financial history information alone shall not disqualify an applicant in the absence of a relationship to the requirements of the position. Background check information will be used in a confidential, non-discriminatory manner consistent with state and federal law.