

## **Faculty Position in Digital Signal Processing**

The Department of Electrical and Computer Engineering at San Diego State University invites applications from qualified candidates for a tenure track appointment in Digital Signal Processing at the rank of Assistant Professor with an anticipated start date of August 2018. Applicants must have expertise in digital signal processing. Applicants must hold a Ph.D. degree in Electrical or Computer Engineering or closely-related disciplines. Special considerations will be given to candidates who have a track record of interdisciplinary research in Cyber-Physical Systems.

Applicants must demonstrate the potential for exceptional teaching, developing strong funded research and establishing a record of peer-reviewed scholarly work. The successful candidate will be required to teach at both undergraduate and graduate levels and supervise student projects and thesis research. The successful candidate will also be expected to contribute to the operation and development of the academic unit and the university, including program and curriculum development. We are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research, and service.

The Department is strongly committed to excellence in research and teaching at the graduate and undergraduate levels. Our faculty members are involved in various government and industry-funded research projects. The department participates in many centers and institutes including the National Science Foundation's Engineering Research Center for Sensorimotor Neural Engineering, SDSU's Smart Health Institute and SDSU's Computational Science Research Center.

Electrical and Computer Engineering is one of the four departments in the College of Engineering at San Diego State University. We offer ABET-accredited B.S. degree in both Electrical Engineering and Computer Engineering, and an M.S. degree in Electrical Engineering. The Department also offers a Ph.D. degree through our Joint Doctoral Program with the University of California-San Diego. Some of the Department's faculty members are members of the Computational Science Research Center and can recruit Ph.D. students in Computational Sciences.

The Department's enrollment levels are currently at 830 undergraduate and 131 graduate students. The Department is strongly committed to excellence in research and teaching at the graduate and undergraduate levels. Our faculty members are involved in various research projects funded by the industry and government including NSF, DoD, DoE, AFRL and ONR.

For more information about San Diego State University, the College of Engineering, and the Department of Electrical and Computer Engineering please visit:

<http://www.sdsu.edu>, <http://www.engineering.sdsu.edu/>, <http://electrical.sdsu.edu/>

SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways,

including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all. SDSU is seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups.

Review of the applications will begin immediately and will continue until the position is filled. Applicants must apply via Interfolio at . <https://apply.interfolio.com/42858>

Requests for additional information should be directed to Prof. Ashkan Ashrafi, Search Committee Chair, Department of Electrical and Computer Engineering, San Diego State University, 5500 Campanile Drive, San Diego, CA 92182-1309. Email: [ashrafi@mail.sdsu.edu](mailto:ashrafi@mail.sdsu.edu), Phone: (619) 594-3703, Fax: (619) 594-2654.

*The person holding this position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.*

*A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.*

*SDSU is a Title IX, equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.*