

## **Distributed Cooperative AUV Systems**

### **Postdoctoral Position**

A postdoctoral position is available immediately for an enthusiastic individual to assume a leading role in the *Mobile Sensor Networking Platforms Laboratory* at the University of Colorado at Boulder. We are looking for a self-motivated researcher to work in an exciting and challenging area of *bio-inspired aerial and underwater robots and cooperation among them*. The project involves various aspects of vehicle control, cooperation, sensing, communication and networking. The selected candidate will join a team of students and faculty in the design, construction, and testing of micro aerial and underwater robots and their cooperation. The candidate will be involved in the development of control and cooperation algorithm, selection of appropriate sensor mechanisms; developing the robot interface to flexibly integrate software and hardware controllers; and experimental evaluation of the control and cooperation strategies. He/She will also have direct input into the development of the control models. Favorable consideration will be given to applicants with background in hardware, software, real-time or artificial intelligence and good programming skills. Our group has extensive experience in building aerial and underwater robots. For a list of bio-inspired aerial and underwater vehicles and their operation see <http://enstrophy.colorado.edu/~mohseni/Platforms1.html>

The position is available immediately and will be filled as soon as a suitable candidate is identified. The candidate must have a Ph.D. degree in mechanical, aerospace, electrical, or computer engineering with related research background. Applicants must show a strong interest in multidisciplinary research in unmanned vehicles. Candidates should also have a high quality research record and research experience. They must show independence and resourcefulness, good working habits, and the ability to integrate well in a multidisciplinary team. The initial appointment is for one year, and the renewal of the appointment in the following years is contingent upon excellent performance. A competitive salary based on applicant qualifications and experience will be offered. Applicants should apply via [jobsatcu.com](http://jobsatcu.com) (Job Posting #808431).

The University of Colorado is committed to diversity and equality in education and employment.