

PhD Research Assistantship Position on Robotics at Idaho State University, USA

A PhD Research Assistantship position in Robotics and Mechatronics Design will be available to start in **January 2010** in the **Measurement and Control Engineering Research Center (MCERC), College of Engineering, Idaho State University (ISU), Pocatello, Idaho, USA.**

The PhD student will join a team whose research is centered on developing a novel **Smart Hand Prosthesis**. Topics of the project include signal processing, estimation theory, system identification, robotics, embedded systems and intelligent control, bio-signaling and bio-sensing, image processing, sensor design and related topics. The student's area of research will be the on the **mechanical design of the robotic hand** from a biomechatronics point of view.

Applicants for the PhD research assistantship position **should have a Master's degree** in Biomedical, Electrical, Mechanical engineering or similar discipline, with strong credentials. Background on robotics, mechanical design, and the use of design tools such as CAD, FEA, etc., will be also considered during the selection process.

The Research Assistantship **covers tuition and fees, medical insurance and a monthly stipend.**

Interested students must contact and subsequently submit their resumes, along with transcripts and statement of purpose, to Dr. Alba Perez Gracia (email: perealba@isu.edu or aperez@iri.upc.edu), and **apply for admission** to ISU Graduate School (<http://www.isu.edu/graduate>). For doing that, the student must comply with the graduate school requirements for PhD in Engineering and Applied Science.