PhD position in Human-Oriented Robotics and Control, Arizona State University

The Human-Oriented Robotics and Control Lab at Arizona State University (http://more.engineering.asu.edu/horc/) is seeking applications for two PhD positions in the field of control, robotics, human-machine interfaces and rehabilitation robotics. The candidates will conduct research on modeling and control of robots that physically interface with humans, towards the design and control of advanced neuro-prosthetics.

Applicants should have a Master's Degree in Mechanical, Electrical, or Biomedical Engineering. Strong background in control systems and robotics is required. Working experience with C and Matlab is desired. Fluency in English speaking/writing is required. Experience in human-robot physical interaction is a plus.

The research will be conducted within the School for Engineering of Matter, Transport and Energy (http://engineering.asu.edu/semte). ASU (http://www.asu.edu/) is the largest public research university in the United States, with a 2010 student enrollment of 70,440. ASU is spread across four campuses in the Phoenix Metropolitan Area. Under the Carnegie Classification of Institutions of Higher Education, ASU is classified as a Research University with Very High research activity, with annual research expenditures over $300 million. ASU is located in Phoenix, which is the 5th largest city in the US.

Candidates should e-mail a single pdf file including a Cover Letter describing background and motivation, CV including 3 references, and transcripts of their bachelor and master studies to: panagiotis.artemiadis@asu.edu. Please put HORC Lab PHD in the subject line.
Deadline for applications: November 15, 2011.

For additional information, check out the following links:

http://more.engineering.asu.edu/horc/

http://www.public.asu.edu/~partemia/

http://engineering.asu.edu/semte/

http://www.asu.edu/

Or contact Prof. Panagiotis Artemiadis at panagiotis.artemiadis@asu.edu.