

## Call for Applications for Ph.D. Scholarships

Two dual degree PhD Positions in Computer Science - Robotics • CMU Portugal

The integrated Soft Materials Laboratory (<http://sml.me.cmu.edu/>) at Carnegie Mellon University (CMU) and Institute of Systems and Robotics (<http://www.isr.uc.pt>) at University of Coimbra (UC) have joint PhD openings in the area of Soft Robotics. Students will receive a dual degree through the Carnegie Mellon Portugal Program (CMU Portugal) (<http://www.cmuportugal.org/>) and spend two years each at UC and CMU.

Doctoral Program	Deadline for application	Link for application	Research	Contacts
Computer Science - Robotics	December 15, 2016	<a href="http://www.cmuportugal.org/tiercontent.aspx?id=3936">http://www.cmuportugal.org/tiercontent.aspx?id=3936</a>	Soft and Stretchable Mechatronics for Wearable Devices	Professor Carmel Majidi (CMU), ( <a href="mailto:cmajidi@andrew.cmu.edu">cmajidi@andrew.cmu.edu</a> ), Professor Mahmoud Tavakoli (UC) ( <a href="mailto:mahmoud@isr.uc.pt">mahmoud@isr.uc.pt</a> ) and Professor Anibal T. de Almeida (UC) ( <a href="mailto:adealmeida@isr.uc.pt">adealmeida@isr.uc.pt</a> )

Their research will focus on the development of soft multifunctional materials, stretchable electronics, and mechatronics systems for safe physical interactions between humans and machines. This includes 3D printed soft robotics, wearable electronics for human motion tracking, and artificial skin for humanoids and prosthetics. This is a 4-year PhD program, with the candidate spending 2-years each at CMU and UC.

We are particularly looking for candidates with hands-on experience in microfabrication, additive manufacturing, and/or mechatronics. Interested PhD applicants should apply online to the Doctoral Program in Computer Science-Robotics: <http://www.cmuportugal.org/tiercontent.aspx?id=3936>. In your application, please refer to

the following ERI project: CMUP-ERI/TIC/0021/2014 on Soft robotics and Wearable Technology. When sending your application, please also send a notification with your CV to Carmel Majidi (cmajidi@andrew.cmu.edu), Mahmoud Tavakoli (mahmoud@isr.uc.pt), Aníbal T. de Almeida (adealmeida@isr.uc.pt) with the title CMUP-ERI/TIC/0021/2014-Application.

Awarded scholarships will have a start date of January 1<sup>st</sup>, 2017. Financial assistance is granted on the basis of the student's potential for scholarship and creative research, and consists of a tuition grant and stipend support.

Any questions on this specific ERI should be directed to the faculty listed above as contacts.