



Autumn has started and winter is slowly approaching. This is also a season of renewal and the preparation for the New Year's challenges. In this issue, you can see a number of interesting events where ISR researchers were involved and open positions for research vacancies. Keep us informed about your latest achievements, and help to inspire other ISR members.

José Santos-Victor

What's New



Newest Doctor Joana Pinto

Congratulations to Joana Pinto for successfully defending her PhD thesis, in the field of bioengineering, this month. The thesis committee (pictured above) was composed of tutor Patrícia Figueiredo, Mathias van Osch, António Bastos Leite, Alexandre Andrade, Rita G. Nunes, and João Pedro Conde. Joana was a very dedicated PhD candidate who will surely do favorably in any future endeavors.



New Look in Main Entrance

The 7th-floor entrance has been renovated to look more open, organized and generally become a more inviting space. It's now divided into different areas that favour everyday use. One of the more noticeable points to a visitor will be the glass showcase. Now let's make it look fuller and more representative of all ISR activities! Please [let us know](#) of interesting objects related to ISR research that could be added to this mini-exhibit.



AMADEE-20 Mars Experiment

In a LARSyS collaboration with ITI, Rodrigo Ventura, Rute Luz and José Corujeira will officially be participating in the AMADEE-20 analogue mission to Mars. Managed by Austrian Space Forum, hosted by Israel Space Agency and supported by D-Mars, the proposal in the teleoperation field, will be prepared for implementation by October 2020, when they will be tested by the analogue astronauts, in the Negev desert. This was covered by PT press on several media, like [Lusa](#), [Público](#) or [RTP](#).



ISR Startup Aquisition

Congratulations to AGORA Systems, an ISR-Lisboa startup, which was created back in 2001 with contributions by Alexandre Bernardino and José Santos-Victor. The software engineering company is focused on developing applications for physical security services and video-based surveillance. The company was recently acquired by Indigo Vision, who over the next year intends to invest an additional €0.5m to develop the Agora software for the benefit of its costumers. [More](#)

Opportunities & Events



CMU Portugal Dual Degree

The CMU Portugal Program and Fundação para a Ciência e Tecnologia (FCT) have an open call for the 2020/2021 scholarships under the CMU Portugal dual degree Ph.D. Programs. Doctoral students conduct their studies both in Portugal and in the United States, and applications submitted will be considered for both admissions in one of the Ph.D. Programs and also for a CMU Portugal Scholarship. [More](#)



Pro-Drone Development

Pro-Drone, a Portuguese startup company, currently has multiple job positions open to work towards developing aerial robots for wind farm automated inspection. This tech start-up that is developing autonomous UAV inspection solutions and one of the front runners of the wind blade inspection industry, having inspected over 8500 blades in 8 countries. Apply to one of the several vacancies in development [here](#)



Vacancy for Data Scientist

Farfetch is looking for a Lead Data Scientist to join their team, in order to build the next-generation intelligent platform for online luxury fashion. This technology is powered by large-scale data and state of the art Machine Learning, Deep Learning, Information Retrieval, and Natural Language Processing algorithms. Apply [here](#) to join this expanding company or search for other related vacancies.



FIREFRONT Postdoc

PhD in the area of signal/image processing, with a background in the fields of image processing, machine learning, and computer science. Applications should be sent to zen@lx.it.pt with the subject "Application for FIREFRONT grant", along with a cv and short description of prior research work, as well as a copy of the PhD diploma, until November 22. Learn more about the FIREFRONT project [here](#).



Ia Caixa Doctoral Fellowships

The doctoral INPhINIT Fellowship programme aims to foster innovative and high-quality research. Currently available are 35 PhD fellowships for researchers willing to carry out their PhD project at research centres accredited with the Spanish Seal of Excellence Severo Ochoa, María de Maeztu or Health Institute Carlos III, and Portuguese centres certified as "excellent" by FCT. Plus, 30 PhD fellowships for researchers willing to carry out their PhD project in any research domain and at any university or research centre in Spain or Portugal.



FLAD Awards

The FLAD Science Award Atlantic 2020 is an award by Fundação Luso Americana para o Desenvolvimento, which is aimed at those beginning a career in engineering and whose work somehow has a focus in the Atlantic Ocean. The purpose of this award is to foster practical results as well as promising researchers residing in Portugal, who are actively collaborating with researchers in the USA. It's possible to apply, until December 20, if you acquired a PhD for a maximum of five years, and meet the remaining requirements. [More](#)



Rai3 News Report

The Italian television program Presa Diretta, from channel Rai3, visited Lisbon a few months ago for a news report, covering economic growth and how Portugal adapted to austerity. Instituto Superior Técnico was showcased as an example of innovation and research and development, and ISR-Lisboa labs were featured for their multidisciplinary and international approach. Watch it [here](#) (in Italian)



Exhibit at Alameda Station

To commemorate the 25th anniversary of the EEA Grants Programme an exhibit was inaugurated inside the Alameda subway station. Until November 9th you could see photos from "25 anos & 25 projetos" at the station, including pictures of MEDUSA DEEP SEA, which aimed to conceive a system of autonomous cooperative vehicles, capable of carrying operations in remote oceanic areas. [More](#)



Web Summit

Until November 7th, one of the greatest tech gatherings in the world took place in Lisbon. MBot and two ISR researchers were present in the Técnico technology transfer booth with great outreach success. In case you couldn't be present, this media piece, about "Gasparzinho" and ISR researchers, sheds some light into how much enjoyment was involved. [Read](#)



Mind-Brain College Meeting

The 5th Meeting of the Mind-Brain College - a conglomerate of seven schools from ULisbon, promoting the interdisciplinary study of the mind and brain - occurred on November 12 and 13. The program counted on a heartfelt tribute to Prof. Fernando Lopes da Silva, who passed away this year, as well as presentations from several ISR researchers and Professors. See photos [here](#)



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