

## What's New



### Visit from ISR Alumni

Lorenzo Jamone, who is currently a researcher at the Queen Mary University of London, recently came for a visit at ISR-Lisboa. Lorenzo had previously worked, for about four years, with the team from VisLab, with whom he shared information about his current research focus. It's always great to receive visiting alumni who are now in other parts of the world, especially to discuss and share research ideas.



### Newest PhD

Congratulations to the newest Doctor Mehmet Mutlu, who was a PhD candidate under the IST-EPFL Joint Doctoral Initiative, for successfully defending his PhD on *Self-Reconfigurable Modular Robots*. The discussion counted on Daniela Rus from MIT, Alexandre Bernardino and Mike Rubinstein, and was a showcase of the impressive research, currently being developed, on thousands of modular robots.



### **Adapted Games celebration**

At Centro de Reabilitação de Paralisia Cerebral Calouste Gulbenkian (CRPCCG) a whole day full of activities took place as a yearly celebration of the Center. This year's theme was "New Technologies" and it counted on the participation and involvement of several institutions who usually have contact with CRPCCG and its users. Everyone present at the event, from staff to visitors, got to try out the adapted games of the PEPE platform and learn more about FeedBot.



### **Open doors to visitors**

Several groups of different natures visited ISR-Lisboa this last month. From the very young students of Fundação D. Pedro IV who were at our laboratories to learn more about how robots work, to a committee from a global organization of national parliaments that aims to safeguard peace and drive positive democratic change through political dialogue. Thank you to everyone who takes from their valuable time to welcome visitors and disseminate our research.



### **AMADEE-20 Mission**

The Austrian Space Forum is embarking on a new major simulation of a Mars analogue expedition. The AMADEE-20 mission is scheduled between October and November 2020 and the experiment, which will take place in the Negev desert, in Israel, is already being prepared. The mission called for experiment proposals in the fields of geoscience, astrobiology, human factors and other disciplines and a team composed by PI Rodrigo Ventura and researchers Rute Luz and José Corujeira has been pre-selected to be involved in the optimization of human/robot control. More info: <https://bit.ly/30qdPvc> info: info



### **Sesimbra a Bordo**

The "Bring Portugal to the World" project of the Escola Azul programme - in partnership with Câmara Municipal de Sesimbra, the current team of Ocean Literacy of DGPM and ISR-Lisboa - brought the students of Agrupamento de Escolas Navegador Rodrigues Soromenho to the Fortress of Santiago to symbolically launch the small boat "Sesimbra a Bordo". The children involved in the project will be able to follow the vessel they helped developed while it navigates the Atlantic Ocean. More here: <https://bit.ly/2xGTtBJ>

# Opportunities & Events



**ENCONTRO  
COM A CIÊNCIA  
E TECNOLOGIA  
EM PORTUGAL**

**8 - 10 JULHO 2019**  
Centro de Congressos de Lisboa



## Ciência 2019

The 2019 edition of Encontro Ciência is promoted by the FCT in collaboration with the National Agency for Scientific and Technological Culture – Ciência Viva, the Parliamentary Commission of Education and Science and has the institutional support of the Government through the Minister of Science, Technology and Education Higher. Every year this encounter proves to be an excellent opportunity to showcase ongoing research projects and explore possibilities for partnerships and higher goals, will all sorts of interested parties.



## Research Faculty at ITI

ITI / LARSyS is hiring a research track faculty for the REDEMA (Using Speculative Design to re-think energy policy and consumer behaviour) project. They are looking for a PhD in design or mechanical and electrical engineering. The emphasis is on developing functional prototypes and bespoke solutions based on the unique features of renewable energy in Islands. The call is open from until July 24. For details and the application process go to <https://bit.ly/2JArSaQ>

## Medical Imaging-Deep Learning meeting

MIDL 2019, the 2<sup>nd</sup> International Conference on Medical Imaging with Deep Learning, will be held from July 8<sup>th</sup> to 10<sup>th</sup>, 2019 in London, United Kingdom. This new annual conference attracts world-leading researchers and engineers from academia, industry and biomedical sciences working at the intersection of medical image analysis and machine learning. The conference series includes three days of oral presentations and poster sessions and features keynotes from high-profile invited speakers.



## Position at KU Leuven

KU Leuven has a full-time academic vacancy in the area of control systems for human-centred applications at the Group T campus in Leuven. They are looking for internationally oriented candidates with an excellent interdisciplinary research record and with educational qualities within the field of algorithms for control systems and hardware implementations, including sensors, actuators and electronic circuits. More on how to apply <https://bit.ly/2ScNHkP>

## Media & Culture



### Twitter for Scientists

"There's abundant evidence that widely sharing a research finding in just one or two simple sentences greatly increases its use and effectiveness." But when that means using Twitter a lot of people suddenly think of the idea as laughable or useless. Learn more about "micropubs" and the concept of trying to create research into digestible chunks to drive citations, understanding and learning, <https://bit.ly/2GluUIc>



### LARSyS on RTP Madeira

At ITI in Madeira, a workshop was hosted on the necessities and opportunities in research, applied to the field of health. Journalists from RTP Madeira were present and created a news report on how LARSyS develops an integrated and international network of research, that amounts to a significant role, for the whole country, in several fields of science. Watch the report here <https://bit.ly/2LkpacT>

Shared by members - Pedro Lima:

*Twenty years after the RoboCup Soccer Simulation League started the original idea, here's a step ahead and something exciting to test and boost research on Machine Learning and perhaps to use in our classes and project courses and activities with large number of students?*

*Click here for the resource*

