CMU Portugal 2023 Doctoral Symposium

Date: December 6 and 7, 2023
Location: Culturgest, Lisbon (Portugal) and Scott Hall, CMU (Pittsburgh)

The CMU Portugal Program will host on December 6th and 7th, its 2023 Doctoral Symposium with the main objective of fostering a supportive community for all researchers pursuing their Ph.D. under the scope of CMU Portugal initiatives. All CMU Portugal Ph.D. candidates are invited to present their research in a 10-minute presentation or poster format. The invitation to attend the event is extended to the whole CMU Portugal community, including students, researchers, faculty, partners from Industry, non-corporate entities, and Institutions of the Portuguese R&D System that are a key part of the Program.

More on the Symposium Website.

CMU Portugal welcomes six new Dual Degree Ph.D. Students

The CMU Portugal Program welcomes six new Dual Degree Ph.D. candidates for the 2023/2024 academic year. The new Ph.D. students will be funded by Fundação para a Ciência e a Tecnologia (FCT) and will start their journey in September 2023, embarking on a full-time program split between 2 years at Carnegie Mellon University (CMU) and 3 years at a Portuguese university.
Six new exploratory projects selected under the CMU Portugal 2022 Call

The six new Exploratory projects funded by Fundação para a Ciência e Tecnologia (FCT) will focus on ICT related areas ranging from digital health technologies to internet intervention to detect, treat, and monitor anxiety and depression in breast cancer survivors, bioelectronic implants, neural probes, distributed networks, and automatic evaluation of graphics based on machine learning.

The 2022 call for proposals featured a total of 36 projects, 6 of which were recommended for funding by FCT under the scope of the CMU Portugal Program.

Eco-friendly conductive ink promises to revolutionize the production of soft stretchable electronic circuits

Researchers at the Faculty of Science and Technology of Universidade de Coimbra (FCTUC) and Carnegie Mellon University, including CMU Portugal Dual Degree Ph.D. student Manuel Reis Carneiro, developed a water-based conductive ink tailored for producing flexible electronic circuits.

The technique, developed with CMU Portugal’s support, sidesteps the necessity of employing conventional organic solvents, renowned for their detrimental environmental impact due to pollution and toxicity. The results have been published in the scientific journal Advanced Science.
In the media: PocketQube – small and low cost cubic satellites that can go into space

CMU Portugal Exploratory Research project PROMETHEUS was featured in the online and printed edition of Exame Informática, a Portuguese Magazine on the latest technology advancements. The project was also highlighted on the TV show Exame Informática, transmitted in the Portuguese TV Channel SIC Noticias.

The project, led by Alexandre Ferreira da Silva at Universidade do Minho in collaboration with Técnico (NanosatLab) and CMU, is developing 5cm cubic satellites to provide easy access to space for the research and education community.

Full article (in Portuguese)
Video Exame Informática

TAMI – Transparent Artificial Medical Intelligence – final event

TAMI, a CMU Portugal Large Scale Project, has been focused on using AI to help make medical diagnosis clearer and more reliable. The three-year initiative has been able to develop a decision-supporting platform for the diagnosis of health complications such as cervical cancer, lung diseases and eye diseases.

In a final event at UPTEC (Porto), the project’s consortia led by First Solutions, in collaboration with Fraunhofer Portugal, INESC TEC and ARS Norte, shared the project’s main achievements.

Using AI Towards a cleaner energy future: Building Hope Closing event

The CMU Portugal Large Scale Collaborative Project “Building Hope” concluded its journey with a closing session in July. This online event brought together more than 50 participants to discuss the project’s latest developments.
advancements in energy management.

Funded through PT2020 and FCT under the CMU Portugal Program, Building HOPE – Building Holistic Optimization of Prosumed Energy – aimed to revolutionize energy management practices in smart urban environments.

Welcome Back event to students in Pittsburgh

The CMU Portugal Program held a Welcome Back event on September 19th addressed to all students spending this next semester in Pittsburgh. From the 23 students currently attending the Fall semester at Carnegie Mellon, 10 attended the event and stopped by to grab coffee & donuts, while meeting other CMU Portugal colleagues.

13th Lisbon Machine Learning School gathers 170 participants in Lisbon

The 2023 edition of the Lisbon Machine Learning Summer School (LxMLS 2023) was held in July, bringing together more than 170 students for an intensive week focused on exploring the realms of machine learning (ML) and natural language processing (NLP). Once again, CMU Portugal Program has supported this event, continuing the strong connection with this annual event, which has now spanned over a decade.

CMU Portugal Inside Story: Maria Eduarda Andrada

Maria Eduarda Andrada is a CMU Portugal Affiliated
Ph.D. student in Robotics from Brazil. She is hosted in Portugal at Faculdade de Ciências da Universidade de Coimbra (FCTUC) and will spend her research year (spring and fall of 2023) at the Robotics Institute supervised by George Kantor. Maria Eduarda has also been part of CMU Portugal Large Scale project Safeforest which ended in 2023 and was led by her CMU host.

Currently in Pittsburgh, she shared her experience thus far and what she is looking for the rest of her stay at CMU.

---

**Upcoming events**

- ERC Portugal Pre-assessment - "Consolidator Grant 2024" | October 12 | Online
- Applications for New COST Actions | Deadline: October 25 | Online
- ER 2023 "International Conference on Conceptual Modeling" | Nov. 6-9 | Técno (Alameda, Lisbon)
- @CMUPortugal Talk with Hirokazu Shirado (CMU) | Factory Lisbon at Hub do Beato
- DUT Call 2023 - DRIVING URBAN TRANSITIONS | Nov. 21 | Online
- Clean Energy Transition Partnership 2023 Call | Nov. 22 | Online
- CMU Portugal 2023 Doctoral Symposium | 6-7 December | Culturgest (Lisbon) and CMU (Pittsburgh)

---

**CMU Portugal Publications**

**Papers**

Stay in touch! Share your news with the CMU Portugal community and let us know what is happening by sending an e-mail to info@cmuportugal.org.

#CMUPortugal

Join the conversation
Share this email:

Manage your preferences | Opt out using TrueRemove®
Got this as a forward? Sign up to receive our future emails.
View this email online.

Rua Alves Redol number 9
Lisboa, | 1000-029 PT

This email was sent to .
To continue receiving our emails, add us to your address book.

Subscribe to our email list.