Carnegie Mellon Portugal

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News from the Fence

Portuguese Delegation headed by Minister Elvira Fortunato visited Carnegie Mellon

Portuguese Minister of Science, Technology, and Higher Education, Elvira Fortunato, recently made her first official visit to Carnegie Mellon University (CMU) in Pittsburgh alongside the Portuguese Ambassador in the United States, Francisco Duarte Lopes, and Fundação para a Ciência e Tecnologia (FCT) President Madalena Alves. The three-day CMU Portugal Summit brought together the Portuguese and CMU communities for a series of discussions and an overview of the CMU Portugal Program.

The CMU Portugal partnership is based on a close interaction between all its stakeholders, from Academic & Research institutions to Industry. The working visit counted on high-level participation of Carnegie Mellon University Leadership, including the President of the University, Farnam Jahanian; CMU Provost and Chief Academic Officer, James H. Garrett, Jr.; the Dean of the College of Engineering, Bill Sanders, and the Dean of the School of Computer Science, Martial Hebert.

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Four CMU Portugal Ph.D. candidates were awarded a Huawei Scholarship

CMU Portugal Ph.D. students Carolina Carreira, Cláudio Gomes, Luís Gomes and Manuel Reis Carneiro are among the 2022 Huawei Scholarship Program recipients, an initiative that distinguishes university students in ICT related areas for their academic and personal merit. The 50 winners were selected among 5300 applicants and received a prize of 5000€ each in a Ceremony held in Lisbon.

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Afonso Amaral wins the Babbage Industrial Innovation Awards 2022

CMU Portugal Ph.D. student in Engineering and Public Policy, Afonso Amaral, was distinguished with the best paper at the Babbage Industrial Innovation Policy Awards 2022 and received a $10K prize money for his work. Afonso had already won a “highly commendable work” distinction in the last edition but, in 2022 secured the first prize.

"Winning this award in such an early phase of my career is motivating. I thought only professors could get these types of awards. It feels excellent to be still doing my Ph.D. and be already recognized at this level!", Afonso Amaral.

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New NOVA SBE and INSEAD Deans are long-time partners of the CMU Portugal Program

The CMU Portugal Program congratulates Francisco Veloso and Pedro Oliveira, long-time partners of the CMU Portugal Program, for their recent appointments at leading Schools in Portugal.

Francisco Veloso has been appointed as the next Dean of INSEAD. He will join INSEAD from Imperial College Business School, where he has served as Dean since 2017. Pedro Oliveira took the leadership of NOVA SBE as Dean in November 2022. Francisco Veloso and Pedro Oliveira have been critical actors in CMU Portugal initiatives.

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The 13th Lisbon Machine Learning School will take place in July with CMU Portugal support

Applications are open until April 28th to the 2023 edition of the Lisbon Machine Learning Summer School (LxMLS 2023). The event will take place between July 14th and July 20th at the Congress Center of Instituto Superior Técnico. For the third year, the CMU Portugal Program proudly associates with this yearly reference initiative with over one decade of existence.

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Inês Lynce participated at IDWGIS celebrations promoted by Ciência Viva

As a Women in Science, female researchers can serve as important role models and contribute to attracting and inspiring other young women to this field. Inês Lynce, CMU Portugal Program National Director and currently President at INESC ID, is a computer scientist highly recognized for her work in the field of Artificial Intelligence. Under an invitation by Ciência Viva to celebrate the International Day of Women and Girls in Science (IDWGIS), she was part on February 11th at Pavilhão do Conhecimento of the Roundtable “Pergunta-me o que é ser cientista” (Ask me what it means to be a scientist).

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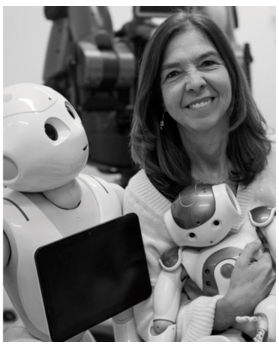
International Women’s Day 2023: Celebrating CMU PORTUGAL Women

On March 8, the 2023 International Women’s Day has run under the theme “DigitALL: Innovation and technology for gender equality”. The CMU Portugal Program is proud to count on inspiring Women to contribute to its goal of supporting innovation and technology initiatives. Here are some CMU Portugal researchers highlighted in the media for their role in Science and Technology.



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CMU Portugal Affiliated Ph.D.s Info Session gathered potential students both at Hub do Beato and online

This year's edition of the CMU Portugal online Info Session "How to apply to a CMU Portugal Affiliated Ph.D. Program Scholarship" was held both onsite at the new CMU Portugal facilities shared with ITI – Interactive Technologies Institute at Factory (Hub Criativo do Beato) and via zoom, gathering potential candidates to our 2023 available scholarships.

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In the Media: Research Project IntelligentCare in "90 Segundos de Ciência"

Mário Gaspar da Silva, researcher under the CMU Portugal Large Scale Collaborative project IntelligentCare at Instituto Superior Técnico I INESC ID, was interviewed by the "90 Segundos de Ciência" Podcast on Antena 1.

The project is developing a system capable of predicting the health progression of patients with multimorbidity (MM), which is characterized by the presence of multiple chronic diseases in a single patient, such as diabetes, hypertension, or heart failure.

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Upcoming events

- FCUL - Jobshop Ciências 2023 I April 17 and 18 I FCUL, Lisbon (Gardens near Building C8)
- 13th Lisbon Machine Learning Summer School (LxMLS 2023) I 14-20 July I Técnico - Deadline to apply is April 28th
- CFP ISD2023 - 31st International Conference on Information Systems Development I Técnico, Lisbon I Aug. 30 - Sept. 1 I Deadline for Paper Submission is May 1
- FCT Call to Scientific Employment Stimulus - 6th Edition I Online - Deadline to apply is May 3
- APDC Congress 2023 I Lisbon and Online I May 9 and 10
- Online COST Info Day (to all researchers/innovators at any career stage and from any field of research) I Online I May 24
- Call for Advanced Computing Projects (3rd edition) I May 31 I Online
- Healthcare of the future - European Partnership THCS call for proposals I Online I Deadline for proposals is June 13
- Clime Change AI Summer School 2023 I 14-18 August I Mila - Quebec AI Institute, Montreal, Canada or Virtual School

CMU Portugal Publications

Papers

- Cerejo, J., Neves, B., Silva, N. A. da, Moreira, J. M., & Silva, M. J. (2023). Predicting Imminent Health Outcomes from Common Lab Results. MedRxiv, 2023.
- Costa, L. M., Colaço, J., Carvalho, A. M., Vinga, S., & Teixeira, A. S. (2023). Using Markov chains and temporal alignment to identify clinical patterns in Dementia. Journal of Biomedical Informatics, 140, 104328.
- Fernandes, P., Ghorbani, B., Garcia, X., Freitag, M., & Firat, O. (2023). Scaling Laws for Multilingual Neural Machine Translation.
- Fidalgo, C. G., Yan, Y., Cho, H., Sousa, M., Lindlbauer, D., & Jorge, J. (2023). A Survey on Remote Assistance and Training in Mixed Reality Environments. IEEE Transactions on Visualization and Computer Graphics, 29(5), 2291–2303.
- Figueira, J., Correia, G. M., Strzyz, M., & Mendes, A. (2023). Justifying Multi-label Text Classifications for Healthcare Applications (pp. 406–413).
- Gamboa, C., Santos, P., Timperley, C. S., & Fonseca, A. (preprint). Usability-Oriented Design of Liquid Types for Java.
- Gaudio, A., Smailagic, A., Faloutsos, C., Mohan, S., Johnson, E., Liu, Y., Costa, P., & Campilho, A. (2023a). DeepFixCX: Explainable privacy-preserving image compression for medical image analysis. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, e1495.
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- Hajalilou, A., Parvini, E., Pereira, J. P. M., Lopes, P. A., Silva, A. F., De Almeida, A., & Tavakoli, M. (2023). Digitally Printable Magnetic Liquid Metal Composite for Recyclable Soft-Matter Electronics. Advanced Materials Technologies, 2201621.
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- Kucherenko, T., Wolfert, P., Yoon, Y., Viegas, C., Nikolov, T., Tsakov, M., & Henter, G. E. (2023). Evaluating gesture-generation in a large-scale open challenge: The GENEA Challenge 2022.
- Neves, B., Da, H., Doutel Hospital Da Luz, L. E., Pereira, H. V, Value, F. C., Healthcare, B., Saúde, L., Carlos Hospital Da Luz, J. S., Ferreira Hospital Da Luz, D., Health, L., Moreno, P., Ferreira, P., André, N., Hospital Da Luz, S., & Moreira, J. M. (2023). Impact of a wearable-based physical activity andsleep intervention in multimorbidity patients:protocol for a randomized controlled trial.
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- Zhao, Y., Ohm, Y., Liao, J., Luo, Y., Cheng, H.-Y., Won, P., Roberts, P., Carneiro, M. R., Islam, M. F., Ahn, J. H., Walker, L. M., & Majidi, C. (2023). A self-healing electrically conductive organogel composite. Nature Electronics, 6(3), 206–215.

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