Carnegie Mellon Portugal

#19 | Apr. 2022

News from the Fence



Manuel Heitor will receive a Doctor of Science and Technology degree from CMU

The former **Portuguese Minister for Science, Technology and Higher Education (2015-2022)** is one of the **2022 Carnegie Mellon Honorary Degree Recipients,** one of the highest distinctions presented to an individual by Carnegie Mellon. Manuel Heitor will deliver, on May 13, the keynote address at the Commencement ceremony for master's and doctoral degree graduates and receive a Doctor of Science and Technology honorary degree. Manuel Heitor has been a longtime supporter of the CMU Portugal Program and of all its initiatives, strengthening the relationship between Carnegie Mellon and the Portuguese scientific and innovation ecosystem throughout the years.

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The 12th Lisbon Machine Learning School will take place in July with CMU Portugal support

The **LxMLS 2022** will take place between **July 24th and July 29th** at Instituto Superior Técnico. For the second year, CMU Portugal proudly associates to this yearly reference event. The school covers a range of machine learning topics, from theory to practice, that are important in solving natural language processing (NLP) problems arising in different application areas.
It is organized jointly by Técnico, Instituto de Telecomunicações, INESC-ID, LUMLIS, and Unbabel.

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Webinar #3 I April 20: Registrations are still OPEN

The **3rd Webinar "Federated Learning: Methods, Applications and Challenges" of the initiative AIDA Webinar Series** will take place next Wednesday with Paula Silva (Research Assistant at INESC TEC) as speaker and Nuno Antunes (Assistant Professor at University of Coimbra) as moderator.

This event is part of a series of 5 Webinars organized by the coordination of the Large Scale Collaborative project AIDA with CMU Portugal support, on improving 5G risk management.

Registration to access the Zoom Webinar #3 is free but mandatory.

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CMU Portugal Inside Story: Latifah Almaghraby

Latifah Almaghraby is a CMU Portugal student in ECE from Saudi Arabia, having started her Ph.D. in 2020 at the University of Aveiro in Portugal and CMU ECE Department from the College of Engineering.

Her research focuses on studying and modeling ECM-based neural scaffolds for spinal cord injuries. For her thesis, she investigates sustainable powering solutions for implanted medical devices co-advised at CMU by Philip LeDuc and in Aveiro by Paula Marques and Pedro Fonseca.

"I was excited as, at that time, I was applying to different Ph.D. programs in the States and across Europe. The CMU Portugal Program combines both options beautifully." Latifah Almaghrabi

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In the Media: Large Scale Project AIDA featured in "90 Segundos de Ciência

Ricardo Vilaça, researcher at INESC TEC and Universidade do Minho, was interviewed by **90 Segundos de Ciência** about the CMU Portugal **Large Scale Collaborative project AIDA**. This research project, designed to revolutionize 5G Risk management, is led by the company Mobileum in collaboration with INESC TEC, Universidade do Minho and the Computer Science Department at Carnegie Mellon University.

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In the Media: Exploratory Research Project Exploring the Transfer of Agency to Older Adults in HRI"



Tiago Guerreiro, Principal Investigator of the CMU Portugal Exploratory Project "Exploring the Transfer of Agency to Older Adults in HRI" was the guest of the **RTP2 "Vamos Beber Um Café E Falar Sobre Isso"** ("Let's grab a coffee and talk about it"), an interview TV show. The show is based on an informal conversation between the host and a guest about a specific topic while sharing a cup of coffee.

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Manuela Veloso elected to the National Academy of Engineering

Manuela Veloso, CMU Portugal Faculty, Emeritus Herbert A. Simon University Professor in the CMU School of Computer Science, and head of J.P. Morgan AI Research was one of the 111 Members and 22 International Members elected by the National Academy of Engineering (NAE) "for her contributions to machine learning and its applications in robotics and the financial services industry".

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VISUM 2022 Summer School / iFetch Mentorship Program

Between **July 10 and 16, the CMU Portugal Large Scale project iFetch will be part of VISUM 2022** a Summer School focused on Computer Vision and Machine Learning organized by INESC TEC. This event will be an inspiring



opportunity for young researchers to get feedback from senior scholars and industrial researchers in Machine Learning and Computer Vision.

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CMU Portugal Publications

Papers and Conference papers

- Barata, R., Leite, M., Ricardo Pacheco, F., Marco P Sampaio, F. O., João Tiago Ascensão, F., Pedro Bizarro, F., Pacheco, R., P Sampaio, M. O., Tiago Ascensão, J., & Bizarro, P. (2021). Active learning for imbalanced data under cold start.
- Maslovski, S., Abraray, A., Kaboutari, K., Nunes, D., & Navarro, A. (2022). Analytical and Numerical Modeling of Reconfigurable Beamforming Metasurfaces. 2637–2647.
- Brancas, R., Terra-Neves, M., Ventura, M., Manquinho, V., & Martins, R. (n.d.). Cubes: A Parallel Synthesizer for SQL Using Examples. Retrieved March 15, 2022.
- Costa, D. , Pereira J., Vilaça R., Faria N.(2022). Adaptive Database Synchronization for an Online Analytical Cloud-to-Edge Continuum.
- Yin, K., & Neubig, G. (n.d.). Interpreting Language Models with Contrastive Explanations. Retrieved March 15, 2022.

Upcoming events

- AIDA Series on 5G Risk Management I Webinar #3I Online I April 20 - 3pm, UTC+11st Art-Science Competition (for scientists and engineers on illustration and scientific communication) I Dealine for proposals: April 25
- Key Digital Technologies (KDT) Joint Undertaking Call I Dealine for applications is April 27, 2022
- Call for Advanced Computing Projects - 2nd edition - Opening for Submissions on A1 – Preparatory Access and A0 I April 28, 2022
- 31º Digital Business Congress by APDC with the participation of Inês Lynce I May 11 and 12, 2022 I Free online
- Deadline for applications to the 2022 Lisbon Machine Learning Summer School (LxMLS 2022) I May 15, 2022
- Encontro Ciência 2022 I May 16-18, 2022 I Centro Congressos de Lisboa
- Call for Advanced Computing Projects: Artificial Intelligence in the Cloud (1st edition) I Deadline is May 18, 2022
- JobShop (Engineering and Technology Fair) by Instituto Superior Técnico I 27-27 May, 2022
- AIDA Series on 5G Risk Management I Webinar #4 I Online I June 8
- 2022 Lisbon Machine Learning Summer School (LxMLS 2022) I July 24-29, 2022 I Técnico, Lisboa

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