

The CMU Portugal Program

The **CMU Portugal Program** is an international partnership established between the Portuguese Government through Fundação para a Ciência e a Tecnologia (FCT) and the Carnegie Mellon University to foster industry-science relationships as agents of change with a focus on Information and Communication Technologies (ICT).

CMU Portugal's main drive is to place Portugal at the forefront of research and technological development in ICT through cutting-edge **research**, world-class graduate **education**, and **collaboration initiatives** with highly innovative companies.

The partnership was last renewed in 2018, a decade after its creation, under the Global Science and Technology Partnerships Portugal (GoPortugal) initiative.

CMU Portugal at Ciência 2019

Monday, July 8	Tuesday, July 9	Wednesday, July 10
CMU Portugal Session Auditorium III 14h - 15h30	DEMO Pavillion 4 - Stand 6 Feedbot: A Robotic arm to help people with motor disabilities to feed themselves independently	DEMO Pavillion 4 - Stand 6 BioVisualSpeech: Interactive Platform to support children during speech therapy sessions
DEMO Pavillion 4 - Stand 6 Inside: meet Astro, a robot that supports children with Autism in therapy sessions		

SCREEN DR Photo Exhibition
Access Hall to Pavillion 4

Guided visits will take place on July 9 in the morning (11h) and afternoon (17h) breaks.

More about CMU Portugal

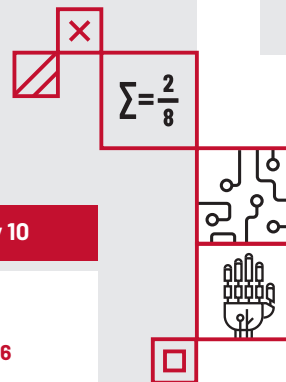
The broad scope of the program is ICT, with a particular emphasis in areas related to the processing of large-scale data sets, including Data Science and Engineering, Artificial Intelligence, Machine Learning, Language Technologies, Data Analytics, Cloud Computing and Engineering and Public Policies.



Education & talent development of faculty, students and professionals from the industry, through dual degree Ph.D and Executive Programs and mobility initiatives for Visiting Faculty & Students at CMU

Research & innovation through research projects bringing together a large community, in Portugal and at Carnegie Mellon, of industry and academic partners, faculty, researchers, industry experts, Ph.D. and Master students.

Industry collaboration by building a strong innovation ecosystem through a close link between academic institutions, Portuguese industry, and Carnegie Mellon University. Currently the Program has a list of 14 Industry Affiliated partners.



303

PhD and Masters alumni

1300+

Publications

42

Portuguese Institutions involved

132

Industry Partners

800+

Skilled jobs created by startups

150M\$

Of international investment secured by startups

#Ciencia2019PT

#CMUPortugal

✉ info@cmuportugal.org

📍 www.cmuportugal.org

f /cmuportugal

🐦 /cmuportugal

in /company/cmuportugal/



CMU Portugal at Ciência 2019

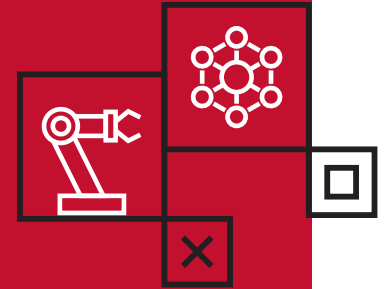
8 to 10 July

Centro de Congressos de Lisboa

www.cmuportugal.org



goPORTUGAL



July 8 | 14h – 15h30 | Auditorium III CMU Portugal Session

"CMU Portugal – Exploring New Research Frontiers in ICT"

Stakeholders from different areas of ICT, including representatives from Academia and Industry, are invited to share their vision for the future. How will new developments in ICT affect our day-to-day life and what will their impact be 10 years from now?

Panel members:

- **Joana Mendonça**, Instituto Superior Técnico
- **João Graça**, Unbabel
- **João Paulo Cunha**, INESC TEC, UPorto
- **Hugo Gamboa**, Plux

Discussants:

Rodrigo Rodrigues, CMU Portugal National Co-Director and **Isabel Trancoso**, INESC ID/IST ULisboa

July 8 – 10 | Pavillion 4 Stand CMU Portugal (Nr.6)

Visit our stand and learn more about our latest initiatives

OPEN NOW:

- Call for Exploratory Research Projects
- Expression of interest for Visiting Students at CMU

OPENING SOON (2019):

- Call for dual degree PhD programs
- Executive Programs
- Call for Visiting Faculty and Researchers at CMU (visits in 2020)



July 8 – 10 | Pavillion 4 Stand CMU Portugal (Nr.6)

Over the past 12 years, 55 collaborative research projects have been financed through the CMU Portugal Program reaching over 40 Portuguese Institutions, several CMU departments and 130+ Industry Partners.

Project demonstrations

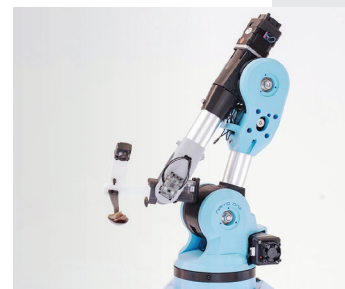
July 8 Inside: meet Astro, the robot that supports children with Autism in therapy sessions

The INSIDE project has developed a fully autonomous mobile robot that actively engages children with Autism Spectrum Disorder (ASD) during therapy sessions. More at: www.project-inside.pt
www.cmuportugal.org/inside



July 9 FEEDBOT: Robotic arm to help people with motor disabilities to feed themselves independently

The Feedbot project is developing a robotic arm that supports people with severe motor disabilities like Cerebral Palsy, Alzheimer's and other degenerative diseases, to feed themselves autonomously. More at: www.cmuportugal.org/exploratory-research-projects



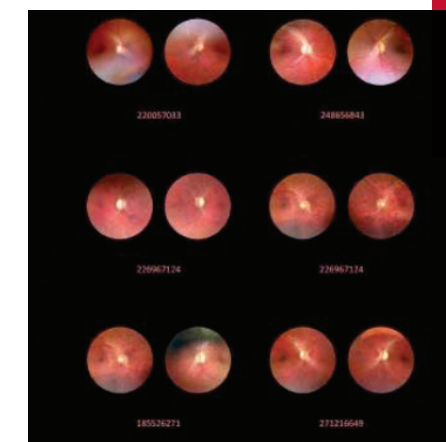
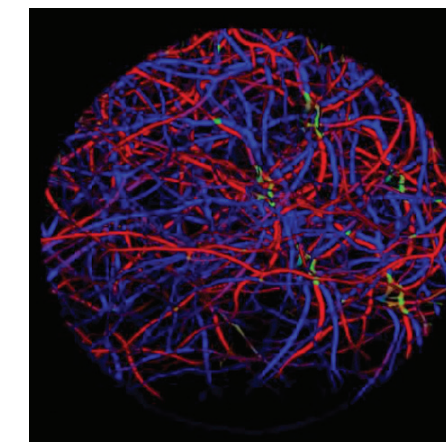
July 10 BioVisualSpeech: an Interactive Platform to support children during speech therapy sessions

The BioVisualSpeech project is developing an Interactive Platform of videogames for Speech Therapy. The games will help speech therapists to motivate children and encourage them to develop their skills. More at: www.cmuportugal.org/biovisualspeech/



July 8 – 10 | Access Hall to Pavillion 4 SCREEN DR Photo Exhibition

The photo exhibition "Look and See. Sense and Live" and "Other Portraits and Self-portraits" was developed under the CMU Portugal project SCREEN DR, led by Professor Aurélio Campilho from INESC TEC and FEUP in collaboration with the photographer Renato Roque. The main objective of the project is to develop a computational platform for screening diabetic retinopathy.



The exhibit contains synthesized images, portraits of the retinas of INESC TEC researchers and self-portraits of the photographer Renato Roque.

For more information please read the booklet of the exhibit.

Guided visits

Guided visits will take place on July 9 in the morning (11h) and afternoon (17h) breaks.

More at: www.cmuportugal.org/screen-dr

