2018

GO PORTUGAL

Carnegie Mellon Portugal Technical Workshops

February 16th

UPTEC - Parque de Ciência e Tecnologia
da Universidade do Porto

FOREWORD

This workshop marks the beginning of the third phase of the Carnegie Mellon | Portugal program. The previous two phases, comprising the first decade of the program, succeeded in promoting talent development and the internationalization of Portuguese Universities, and fostering cooperation among universities and with Portuguese companies, some of which emerged from this program through a strong focus on entrepreneurship. In this new phase, the goal is to focus on high-impact science that takes advantage of the important opportunities provided by the data economy as a driver of growth and change, while also leveraging the strategic geopolitical position of Portugal in the Euro-Atlantic region.

Phase III of the Carnegie Mellon | Portugal program will build on Carnegie Mellon's experience as a dynamic economic engine in the Pittsburgh region. Carnegie Mellon sits at the heart of the regional discovery and innovation ecosystems, together with other leading-edge research universities; it includes scientists and engineers in a flexible talent-rich labor market; a vibrant private sector catalyzed by the entrepreneurial spirit; strategic government investments in research and education; public-private partnerships that promote innovative activities; and infrastructure that fosters collaboration across traditional boundaries. In turn, economic development drives and shapes the university's research and academic mission in a virtuous cycle.

The overarching mission of Phase III is to foster industry-science relationships as agents of change with the focus on ICT research for social and economic impact. This requires a robust collaboration with cities/regions and companies strongly invested in the program. As such, within ICT, the program will emphasize research missions that are of common interest between academia and their regional ecosystems. Addressing these mission statements will require interdisciplinary efforts, both within ICT areas and also across disciplinary boundaries.

This workshop aims to bring together researchers from Carnegie Mellon University, from several Portuguese universities, and several researchers and engineers from the set of innovative companies that are committed to participating in the third phase of the program. We hope that the resulting discussion can lead to the identification of research problems that are of interest to these different communities, and therefore start the process of establishing fruitful collaborations in the context of the Carnegie Mellon | Portugal program.

José Fonseca de Moura
Nuno Nunes
Rodrigo Rodrigues

WORKSHOPS & PLENARY SESSION

@UPTEC - Parque de Ciência e Tecnologia da Universidade do Porto

Workshop 1

Cloud Computing and Big Data

Justine Sherry (CMU)
Paolo Romano (IST-UL/INESC ID)

Workshop 2

Deployable Robotics

Pedro U. Lima (IST-UL)
Rodrigo Ventura (IST-UL)

Workshop 3

Human Centered Design

Geoff Kaufman (CMU)
Valentina Nisi (University of Madeira/CMU)

09:30–13:00
Morning Worshops

Workshop 4

Machine Learning and Natural Language Processing

Francisco S. Melo (IST-UL)
Isabel Trancoso (INESC ID)
Manuela M. Veloso (CMU)

Workshop 5

Public Policy

Joana Mendonça (IST-UL)
M. Granger Morgan (CMU)

Workshop 6

Software Engineering

Bruno Miguel Brás Cabral (University Coimbra)
Manuel "Mel" Rosso-Llopart (CMU)

Plenary Session

José Fonseca de Moura (CMU)
Rodrigo Rodrigues (IST-UL/INESC ID)
Nuno Nunes (LARSyS)

14:00-16:00

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