Editorial

Diogo A. Gomes and José Miguel Urbano
(Guest Editors)

The Information and Communication Technologies Institute (ICTI) Program in Applied Mathematics and the UT Austin–Portugal International Collaboratory for Emerging Technologies Mathematics program (CoLab) were part of a broad Portuguese Government sponsored long-term partnership between selected American universities and several Portuguese universities, with the goal of stimulating collaborative research and fostering scientific and technological skills at the highest level.

These programs, which were funded by the Portuguese Nacional Science Foundation (FCT) and ran until 2018, offered a unique international opportunity for educational and research training in applied mathematics and involved the Mathematics Department of Carnegie-Mellon University, the Institute for Computational Engineering and Science (ICES), the Department of Mathematics at UT Austin, and several mathematical research centres and groups in Portuguese universities.

The joint Ph.D. programs attracted students both from Portugal and abroad, and undergraduate students regularly participated in the Research Training Group (RTG) in Applied and Computational Mathematics at Austin. Collaborative research projects on selected areas of application of Mathematics were pursued and several Portuguese faculty spent time at CMU and at UT Austin under the visiting faculty program.

The post-doctoral program attracted outstanding young researchers from abroad and a regular set of conferences and workshops was organised every year.

This special double issue of Portugaliae Mathematica collects a number of papers by Portuguese researchers involved in ICTI and CoLab, as well as by former postdocs and Ph.D. students of the programs.

D. A. Gomes, CEMSE Division, King Abdullah University of Science and Technology (KAUST), Thuwal, Jeddah 23955-6900, Saudi Arabia

E-mail: diogo.gomes@kaust.edu.sa

J. M. Urbano, CMUC, Department of Mathematics, University of Coimbra, 3001-501 Coimbra, Portugal

E-mail: jmurb@mat.uc.pt