

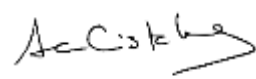
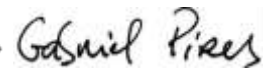


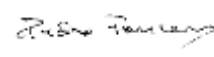


## CERTIFICATE

This is to certify that **Manuel Barros, Instituto Politécnico de Tomar, Portugal**, was a member of the Organizing Committee, as Publicity Chair of the 23<sup>rd</sup> IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC2023) that took place in Tomar, Portugal, from the 26<sup>th</sup> to the 27<sup>th</sup> April 2023.

Tomar, 27<sup>th</sup> April 2023

The Chairs of ICARSC 2023:

      
Ana C. Lopes      Gabriel Pires      Vitor H. Pinto      José L. Lima      Pedro Fonseca

