

Foreword

Innovative Education in Science and Technology

Along the past 16 years the Hands-on Science Network community worked hard with great pleasure and strong commitment trying to contribute actively to the improvement of science education exploring new ways and revisiting adjusting and improving well established ones. A large number of very interesting and meaningful contributions were brought and presented to our annual conferences and tested in a large number of activities organized all over the world at all school and education levels in formal, non-formal and informal contexts. In the committed open and inclusive way that characterizes HSCI we definitely enjoyed exploring our ways of improving science education and scientific literacy in our schools and communities, sharing our experiences and knowing and exploring each other' approaches and contributions... innovating in Science and Science and Technology Education.

The book herein aims to contribute to further the improvement of Science Education in our schools and to an effective implementation of a sound widespread scientific literacy at all levels of society. Its chapters reunite a variety of diverse works presented in this line of thought at the 16th International Conference on Hands-on Science held in Kharkiv, Ukraine, September 2 to 6, 2019.

Vila Verde, Portugal, July 30, 2019.

Manuel Filipe Pereira da Cunha Martins Costa
Editor in chief
