

### 14TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES

PALMA (SPAIN) 4TH-6TH OF JULY, 2022



## CONFERENCE PROCEEDINGS

# EDULEARN<sub>22</sub>

## CONFERENCE PROCEEDINGS

**Published by** IATED Academy iated.org

#### **EDULEARN22** Proceedings

14th International Conference on Education and New Learning Technologies July 4th-6th, 2022 Palma, Mallorca, SPAIN

#### Edited by

Luis Gómez Chova, *University of Valencia, Spain* Agustín López Martínez, *University of Barcelona, Spain* Joanna Lees, *CEU Cardinal Herrera University, Spain* 

DOI: 10.21125/edulearn.2022 ISBN: 978-84-09-42484-9 ISSN: 2340-1117

Book cover designed by J.L. Bernat

© Copyright 2022, IATED Academy. This work is subject to copyright. All rights reserved.

The intellectual property rights of the contents of the publication are the sole property of IATED Academy and therefore the reproduction, distribution, public disclosure, transformation or any other activity that can be carried out with the contents of its proceedings is forbidden, without written consent from IATED Academy.

These proceedings are published by IATED Academy. The registered company address is: Plaza Legión Española 11, 46010 Valencia, Spain.

#### **Bibliographic Information**

**Book Title** 14th International Conference on Education and New Learning Technologies

**Book Series** EDULEARN Proceedings **Editors** Luis Gómez Chova Agustín López Martínez Joanna Lees

**Publication Year** 2022

Publisher IATED Academy

**Book ISBN** 978-84-09-42484-9

**Conference** Name EDULEARN22

#### **Copyright Information**

This work is subject to copyright. All rights reserved.

Series ISSN 2340-1117

Dates July 4th-6th, 2022

Topics Education **Educational Research** Educational Technology

**Publisher Address** Valencia, Spain

DOI 10.21125/edulearn.2022

Location Palma, Mallorca, Spain

Editorial policy and Publication ethics:

The papers published in these proceedings reflect the views only of the authors. The publisher cannot be held responsible for the validity or use of the information therein contained.

The International Academy of Technology, Education and Development (IATED) aims to publish conference proceedings that contain original research articles of high quality meeting the expected ethical standards. The publication guidelines are provided for authors who submit articles to IATED conferences in order to maintain high ethical standards.

IATED shall guarantee the high technical and professional quality of the publications and that good practices and ethical standards are maintained. If unethical behaviors are identified, an investigation will be initiated and pertinent actions will be taken.

More information about the publication ethics of IATED is available at iated.org/publication\_ethics