

XXI Simpósio
Internacional
de Informática
Educativa

**SIE
2019**

XXI International
Symposium
on Computers
in Education

INSTITUTO POLITÉCNICO DE TOMAR

TOMAR, PORTUGAL
November 21-23



CERTIFICATE

This is to certify that **Manuel Barros** attended the 21st International Symposium on Computers in Education (SIE) held from 21-23 November 2019 at the Instituto Politécnico de Tomar as a member of the Organising Committee.

Tomar, 23 November 2019

General Chair of the Organizing Committee

Célio Gonçalves Marques, PhD

ORGANIZATION



Instituto Politécnico
de Castelo Branco

**Techn
& Art** TECHNOLOGY, RESTORATION
AND ARTS ENHANCEMENT CENTER



PROGRAM SCHEDULE

THURSDAY . NOVEMBER 21

09h30 . Opening Session

João Freitas Coroado

President of the Polytechnic Institute of Tomar

António Fernandes

President of the Polytechnic Institute of Castelo Branco

Anabela Freitas

Mayor of Tomar

Maria João Horta

Deputy Director-General for Education

Martin Lhhamas Nistal

Vice President of the IEEE Education Society

Célio Gonçalves Marques

General Chair of the Organizing Committee

10h00 . Ángel Velázquez Iturbide, University Rey Juan Carlos

Constructivism and educational software in the learning of algorithms

Chair: Diana Pérez, University Rey Juan Carlos

Coffee break

10h45 . Presentations (session nº1) | Doctoral Symposium (B121)

12h15 . Presentations (session nº2)

13h15 . Lunch

14h30 . Presentations (session nº3)

16h00 . Cultural Visits

Castle of Tomar and Convent of Christ

Tasting of Wines in The Casal das Freiras Winery

Tour at the Historic Center of Tomar

FRIDAY . NOVEMBER 22

09h00 . Antonio R. Bartolomé, Barcelona University

Blockchain in Education and Adaptive learning

Chair: Isabel Pereira, Polytechnic Institute of Leiria

10h00 . Presentations (session nº4)

11h00 . Coffee break | Posters

11h30 . Presentations (session nº5) | Posters

13h00 . Lunch

14h30 . Presentations (session nº6)

16h30 . Coffee break

17h00 . Presentations (session nº7)

20h30 . Gala Dinner

SATURDAY . NOVEMBER 23

09h00 . Ana Amélia Carvalho, University of Coimbra

Apps and Digital Games: promoting students' engagement, responsibility, and creativity

Chair: José Ramos, Polytechnic Institute of Tomar

10h00 . Presentations (session nº8)

11h00 . Coffee break

11h30 . Presentations (session nº9)

12h50 . Miguel Pombeiro (CIMT)

Some measures promoting ICT - supporting educational success in the Médio Tejo area

13h10 . Closing Session

Nuno Madeira

Vice President of the Polytechnic Institute of Tomar

Hugo Cristóvão

Deputy Mayor of Tomar

Manuel Ortega

Professor at the University of Castilla - La Mancha

Célio Gonçalves Marques

General Chair of the Organizing Committee

Henrique Gil

Co-Chair of the Organizing Committee

15h00 . Tour - opcional (Fátima and Nazaré)

