

International Conference on Active Learning in Engineering Education

PAEE/ALE'2021

<http://paeale2021.dps.uminho.pt>

“The Development of Engineering Competences in a Global Context”

July 07 to 09, 2021

Braga, PORTUGAL

It is our pleasure to invite you to participate in **PAEE/ALE'2021**, to be held at **Braga**, with local organization of the School of Engineering, University of Minho, July 07 to 09, 2021. Due to the COVID-19 pandemic situation the conference will be held in a hybrid format (face-to-face/online). The accepted papers will be published in the conference proceedings indexed in SCOPUS database.

The theme of this year's conference is *The Development of Engineering Competences in a Global Context*, which is an excellent opportunity to discuss research and current practice under this challenging theme.

Abstract submission: Regardless of the type of submission, in a first stage, contributors are invited to submit an abstract of 300 words using the web submission platform.

This event combines the *13th International Symposium on Project Approaches in Engineering Education* (PAEE'2021) and the *18th Active Learning in Engineering Education Workshop* (ALE'2021). The PAEE symposium is organised by the PAEE association and the Department of Production and Systems of the University of Minho, Portugal, since 2009, and aims to join teachers, researchers and professionals concerned with Engineering Education. The ALE workshop is organised by ALE, an international network of engineering educators, initiated in 2000, and dedicated to improving engineering education through active learning.

PAEE and ALE have been organized in different parts of the world, to enhance Active Learning, Problem and Project-Based Learning in Engineering Education through active involvement of participants in hands-on sessions, workshops, debates, industry panels, poster and paper sessions, and student project awards.

We welcome student contributions to the symposium. Students who develop project work in their undergraduate, Master and PhD students are invited to submit papers on their learning experiences in project work. Student papers will be candidates for the best Student Paper Award.

Important dates:

- Abstract submission: March 01, 2021
- Notification of abstract acceptance: March 15, 2021
- Full paper and abstract only submission: April 19, 2021
- Notification of acceptance: May 07, 2021
- Camera-ready full papers submission: May 21, 2021
- Early bird registration: May 28, 2021
- Final registration for inclusion in proceedings: June 27, 2021
- Conference dates: July 7-9, 2021

All submissions are peer-reviewed, and the accepted papers will be published in the conference proceedings indexed in **SCOPUS**. Selected papers will be invited to be submitted to special issues of indexed journals (see the website for details). The official language of the conference and of the papers is English.

We are looking forward to welcome you in Braga in July 2021!

Best regards,

Rui M. Lima (University of Minho, Portugal)

Valquíria Villas-Boas (Universidade de Caxias do Sul, Brazil)

(Chairs)

Program Chairs

Rui M. Sousa, University of Minho, Guimarães, Portugal

Miguel Romá, University of Alicante, Spain

Scientific Committee Chairs

Anabela Alves, University of Minho, Guimarães, Portugal
Natascha van Hattum-Janssen, Saxion University of Applied Sciences, Enschede, the Netherlands

Industry Session Chairs

Dinis Carvalho, University of Minho, Guimarães, Portugal
Nélson Costa, University of Minho, Guimarães, Portugal

Student Session Chairs

Sandra Fernandes, Portucalense University, Porto, Portugal
Jens Myrup Petersen, Aalborg University, Denmark

Post-Event K12 Session Chairs

Diana Mesquita, Universidade Católica Portuguesa, Porto, Portugal
Filomena Soares, University of Minho, Guimarães, Portugal

For more information visit: <http://paeecale2021.dps.uminho.pt>

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