

Call for Participation in a WCCE 2022 Symposium

Informatics in Primary Education: Approaches, Current Issues and Lesson Learnt

Organizers: Torsten Brinda, Ivan Kalas, Peter Micheuz

- We think that to handle a symposium technically (time slot, presentations) we are looking for about 8 to 10 participating authors/small teams.
- We are aware of the fact that there are various definitions of terms such as elementary and primary education, so we would like to specify, what we are looking for:
 - We want to focus on **various approaches, issues and lessons learnt** so far (of valid practical or evidence-based initiatives):
 - in **implementing Informatics education** (i.e., Informatics, or Computing, or CS education), however, in this case **no other related efforts to support digital skills or digital literacy in general**, which by themselves are fantastic topics for WCCE 2022 and should be submitted separately as part of the regular WCCE 2022 call for papers
 - in **primary education** (ISCED 1 in the UNESCO vocabulary), by which, roughly, the following is meant:
 - formal school education,
 - entrance age usually between 5 and 7, typically lasting until age 10 to 12,
 - focused on providing pupils with fundamental skills in reading, writing and mathematics and to establish a solid foundation for learning,
 - typically, one generalist teacher responsible for a group of pupils and facilitates the learning process. A class may have some other teachers, especially for certain specialised subjects. Teachers at ISCED 1 are typically trained in pedagogical approaches for core subjects.

The reason for this decision results from many recent or running or planned initiatives to implement the **entrance phase of regular computational or informatics education** (in different formats) in primary stages of schools in many countries.

- In this symposium, we want the **participants to focus on one or several of the following questions** (only drafted here):
 - **Approaches:** There are different approaches taken by various countries/initiatives. In your contribution, which approach has been adopted?
 - **Challenges:** In the process, many different challenges arise. In your case and experience, what are the issues you have to tackle? What are the strategies you have considered or are considering applying?
 - **Lessons learnt:** What have we already learnt in the process, what are the methods or designs you have applied, what are the findings within this context? Here we provide opportunity to share what we have already learnt in the process in a standard academic research sense.
- **If you are interested in taking part in the symposium, then please submit an abstract of your contribution in the Springer format (together with title, author(s) information, abstract, keywords – not longer than one page), by February 24th to**
 - Torsten Brinda <torsten.brinda@uni-due.de>
 - Ivan Kalaš <ivan.kalas@fmph.uniba.sk>
 - Peter Micheuz <peter.micheuz@aon.at>