

Serhiy O. Semerikov  
Mariya P. Shyshkina  
(Eds.)



# **Cloud Technologies in Education**

**Proceedings of the 5<sup>th</sup> Workshop,  
CTE 2017**

Kryvyi Rih, Ukraine  
April 28, 2017

Semerikov, S.O., Shyshkina, M.P. (Eds.): Cloud Technologies in Education. Proc. of the 5<sup>th</sup> Workshop CTE 2017, Kryvyi Rih, Ukraine, April 28, 2017, CEUR-WS.org, online

This volume represents the proceedings of the 5<sup>th</sup> Workshop on Cloud Technologies in Education (CTE 2017), held in Kryvyi Rih, Ukraine, in April 28, 2017. It comprises 9 contributed papers that were carefully peer-reviewed and selected from 61 submissions. The accepted papers present the state-of-the-art overview of successful cases and provides guidelines for future research.

Copyright © 2018 for the individual papers by the papers' authors. Copying permitted for private and academic purposes. This volume is published and copyrighted by its editors.

## **Preface**

It is our pleasure to present you the proceedings of the 5<sup>th</sup> Workshop on Cloud Technologies in Education (CTE 2017). The workshop took place in Kryvyi Rih (Ukraine) on April 28, 2017. This volume focused on advancing research and also academic applications of information and communication technologies related to cloud computing; history, state-of-the-art and trends in cloud-based learning and computer-based training.

Overall the CTE 2017 attracted 61 submissions. Out of these, we have accepted 9 high quality and most interesting papers to be presented at the workshop and published in our proceedings. Each submission was peer-reviewed by at least two experts regarding its relevance for the workshop, scientific quality, originality, and technical adequacy. Topics include using the cloud technologies to creating and development the cloud-based learning environment of the educational institutions, to learning of CS, mathematics, physics, foreign languages, to teach of students with special educational needs etc.

The CTE 2017 would not have been possible without the support of many people. First of all, we would like to thank all the authors who submitted papers and thus demonstrated their interest in the research problems within our scope. We are very grateful to the members of our Program Committee for providing timely and thorough reviews. We would like to thank the local organizers of the workshop whose devotion and efficiency made our event a very interesting and effective scientific forum.

August, 2018

Serhiy O. Semerikov  
Mariya P. Shyshkina