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Lorna Uden · Dario Liberona
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Learning Technology for Education in Cloud

The Changing Face of Education

5th International Workshop, LTEC 2016
Hagen, Germany, July 25–28, 2016
Proceedings

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The 5th International Workshop on Learning Technology for Education in Cloud (LTEC 2016): The Changing Face of Education

July 25–28, 2016, Hagen, Germany

The rapid and constant pace of change in technology is creating both opportunities and challenges for education. The opportunities include greater access to rich, multimedia content, the use of online availability, the widespread use of mobile computing devices that can access the Internet, the expanding role of social networking tools for learning and professional development, the use of massive open online courses (MOOC), cloud computing, big data, and the growing interest in the power of digital games for more personalized learning. Besides technologies, there are also new pedagogical advances in learning and teaching.

The 5th LTEC (2016) examined these technologies and pedagogical advances that are changing the way teachers teach and students learn while giving special emphasis to the pedagogically effective ways we can harness these new technologies in education. Contributions address theory, research, practice, and policy, especially those can also be focused on particular approaches, technologies, and domains. LTEC 2016 presented work in the very broad area of educational technology.

This workshop presents academic research and practical applications in education from all areas, seeking to help practitioners find ways of putting research into practice and for researchers to gain an understanding of additional real-world problems. It includes research papers and case studies from both industry and academia. The proceedings consist of 27 papers covering various aspects of technologies for learning including:

- Learning technologies
- Learning tools and environment
- MOOC for learning
- Problem solving and knowledge transfer
- Case study.

The authors of the papers come from many different countries, such as Chile, Colombia, Estonia, Finland, France, Germany, Greece, Guatemala, Japan, Mexico, Slovenia, Spain, Switzerland, Taiwan, the UK, and the USA.

We would like to thank our authors, reviewers, and Program Committee for their contributions and the FernUniversität in Hagen, Germany, for hosting the conference. Special thanks to the authors and participants at the conference. Without their efforts, there would be no conference or proceedings.

July 2016

Lorna Uden
Dario Liberona
Birgit Feldmann

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