

Proceedings of 2015 12th International Conference on Remote Engineering and Virtual Instrumentation, REV 2015, 2015, pages 14-17

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## The use of telecommunication technologies in education network

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### Abstract

© 2015 IEEE. The article reviews the experience of the development of global partnership of universities and leading world companies in the transition to the modern paradigm of engineering education. Emphasis is placed on the study of the use of interactive methods in education, their role in the organization of online learning, virtualization of learning process. Paper analyzes the best practices of association of educational institutions with businesses in the innovation chains and its use for improvement of the quality of education. Paper studies the implementation of an innovative model of interaction between educational institutions and businesses in the road-building cluster.

<http://dx.doi.org/10.1109/REV.2015.7087299>

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### Keywords

engineering education, global partnership, integration of universities and business, interactive methods, network learning, telecommunications technology