Recent Advances in Virtual Reality and Computer Vision Based on Deep Learning

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Message from the Guest Editors

Dear Colleagues,

Deep learning is a very powerful branch of machine learning, framed within artificial intelligence, and represents a very promising field of knowledge that is continually on the rise, in part thanks to technological advances which allow the processing of enormous amounts of data with complex structures. The fullest realization of these are neural networks, more specifically those classified as deep. It is evident that AI is a promising field with multiple and diverse practical applications, representing a very active area of research, in which abundant intelligent systems have flourished and facilitate and automate routine work.

The following is a list of the main topics covered by this Special Issue concerned with computer vision based on deep learning models:

- Voice and audio processing;
- Natural language processing;
- Robotics;
- Bioinformatics;
- Video games;
- Search engines;
- Economy and finance.

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Message from the Editor-in-Chief

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