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# Highly Diverse Cameras and Displays for Mixed and Augmented Reality

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Deadline for manuscript submissions:
**closed (15 April 2018)**

## Message from the Guest Editors

Scene and human sensing have been key topics in AR/MR (Augmented reality/Mixed reality) research communities and there is no doubt that vision-based approaches have opened up a path in recent AR/MR advances. Researchers have established sophisticated methods, such as scene geometry reconstruction, object recognition, head and eye tracking, and rendering to show the virtual objects on perspective displays. Thanks to these attempts, AR/MR has been widely spread to a number of people and reached a certain point. To bring AR/MR to the next level, we need to explore concrete measures to combine these fruits. One of the possible and practical concepts to achieve the goal is to utilize diverse types of cameras and displays that would exist in the AR/MR environments or be brought to the environment by AR/MR participants. From this point of view, this Special Issue of the journal Applied Sciences, “Highly Diverse Cameras and Displays for Mixed and Augmented Reality”, aims to cover recent development of experiences and findings on vision-based approaches from highly diverse cameras to displays for the future of mixed and augmented reality.

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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