

# Special Issue

## Mobile Spatial Audio

### Message from the Guest Editor

Although spatial audio over headphones is a mature field, there are still important challenges to cope with, such as realistic binaural rendering and individualization of the head-related transfer function (HRTF). Moreover, mobile devices include positioning chips (accelerometers, gyroscopes) that can be employed in Virtual and Augmented Reality audio applications. Spatial audio recording with smartphones remains a seriously unaddressed gap that has to be solved in the future. Efficient signal processing methods are important in mobile devices to extend battery duration. Also, the introduction of GPU and multi-core processors facilitates the implementation of high-quality spatial audio solutions.

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### Guest Editor

Dr. Jose J. Lopez

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### Deadline for manuscript submissions

closed (15 May 2019)



## Applied Sciences

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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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### Editor-in-Chief

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