



## Logarithmic Imaging and Sensing

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

The performance of image sensors highly depends on illumination conditions. As an alternative, image sensors with a logarithmic response are capable of acquiring illumination-invariant images. Plenty of theoretical and applied papers have been published around the logarithmic image processing (LIP) model from its creation until today, proving its efficiency in particular for images acquired under uncontrolled and/or very low lighting.

The Special Issue aims at focusing on state-of-the-art research in the domain of logarithmic imaging and sensing, including new developments currently arising linked with artificial intelligence and deep learning, with mathematical morphology or with other existing theories and successfully applied in various fields (biomedical, industry, safety, military, etc.).

- logarithmic image processing
- sensing
- low lighting
- deep learning
- artificial intelligence
- mathematical morphology





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## Message from the Editor-in-Chief

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