Special Issue

Advances in Human-Centric Lighting

Message from the Guest Editors

Human-centric lighting contains the concepts and technological aspects combining the visual performance, emotional and color aspects, and non-imaging-forming (NIF) responses of humans to light exposure. Knowledge on human-centric lighting should be relevant to laying out new lighting systems which take human needs in dependence on weather, season, working contexts, application fields (e.g., schools, hospitals, offices), and time-of-day into account. Human responses to light exposure can be characterized by physiological, psychological, and behavioral measures. This Special Edition reports on advances in the field of research determining the acute and long-term effects of light at different light spectra and intensities, under day- and nighttime conditions in laboratory and field studies. In this context, methods for measuring and quantifying light exposure under different illumination conditions will be described.
Dr. Vinh Quang Trinh

Guest Editors

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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.

Editor-in-Chief

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