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Neuroarchitecture: Innovations in the Human-Environment Relationship through Sensors and Sensing Technologies

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Message from the Guest Editors

Neuroarchitecture has recently gained prominence. In the last two decades, it has advanced from propositional studies to experimental studies in the laboratory. Today, neuroarchitecture allows in-depth research into the effect of the environment on human beings. Such is its potential that more academic journals include research of this type. However, there is a long way to go before neuroarchitecture can be massively, exhaustively, and rigorously applied to the professional sector of architecture and urban planning. To ensure clarity and precision in implementation, it is essential to comprehensively address a variety of objectives and methodologies. This Special Issue aims to encourage the exchange of work focused on solving the main challenges currently facing neuroarchitecture.

Potential topics include the following:

- Methodological frameworks for experimental studies.
- Design guidelines obtained from experimentation.
- Discussions on the use of neurophysiological recordings.
- Validations of neurophysiological recording devices.
- Simultaneous use of neurophysiological recordings and virtual reality.
- Innovative applications in the use of sensors and sensing technologies.

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Special Issue

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Message from the Editor-in-Chief

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