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## Sensor-Enabled Digital Twins for Healthcare Applications: Unlocking Their Potential

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Deadline for manuscript submissions:

**closed (30 March 2024)**

### Message from the Guest Editors

Digital twins are digital replications of whole or partial aspects of physical entities. The purpose of these twins is to connect with the physical entities through sensors and data transfer mechanisms to simulate the physical entities' activities. By leveraging present and past information, future progression of entities can be forecasted, enabling informed decision-making to drive them towards desired or optimal future states. This approach has been the classical underlying principle of model-based control engineering for several decades. The rapid advancements in sensor technologies have widened the applications of digital twins in healthcare, transforming sectors such as genomics, aged care, cancer care, and dementia. This Special Issue is a forum that invites the latest developments in such digital twin applications for healthcare.

Since digital twins in healthcare is an emerging area, completed research works with evidence, as well as work in progress papers with adequate evidence, will be considered. However, systematic literature reviews and/or scoping reviews are not encouraged and are unlikely to be accepted.



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# Special Issue



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## Message from the Editor-in-Chief

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