

## Special Issue

# Human-Centered Design for Wearable Healthcare Monitoring

### Message from the Guest Editor

The rapid proliferation of wearable technology offers an unprecedented opportunity to shift healthcare toward more responsive, personalized models. However, the promise of these technologies is often hindered by a fundamental oversight: true wearability. While the industry has mastered intermittent monitoring, the next frontier lies in long-term, continuous integration into the daily lives of users. Groups, such as aging and pediatric populations, frequently experience high rates of abandonment, signaling a critical need to evolve beyond current hardware design approaches. We aim to move beyond the technical specifications of advanced sensors to explore the human-centered design (HCD) of systems that prioritize long-term adoption, comfort and clinical utility. We invite researchers to contribute interdisciplinary work that address how we can design wearables that people want to wear, rather than just have to wear.

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### Guest Editor

Prof. Dr. Colin Drummond

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### Deadline for manuscript submissions

30 November 2026



## Sensors

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### Message from the Editor-in-Chief

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