

## Special Issue

# AI-Driven Frameworks for Human–Computer Interaction

### Message from the Guest Editor

The Special Issue aims to explore how AI technologies can create intelligent, adaptive, and context-aware interaction systems that enhance human experience. Submissions may include original research, surveys, or applications introducing new methods, frameworks, or tools linking AI and HCI. Interdisciplinary works combining AI, cognitive science, data analytics, and education are welcome. **Topics of interest include:**

- Machine/deep learning for adaptive interfaces
- Multimodal interaction (visual, auditory, haptic, gesture, speech)
- Affective computing and emotion-aware systems
- Conversational AI and virtual assistants
- Human–robot interaction and embodied AI
- Cognitive modeling and user intent prediction
- Trust, transparency, and ethics in AI–HCI
- Real-time perception and decision-making
- Generative AI and AI-based assistive technologies
- Prompt engineering for AI-driven systems and education
- Evaluation of adaptive user interfaces

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### Guest Editor

Dr. George Kokkonis

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### Deadline for manuscript submissions

15 June 2026



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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