

## Special Issue

# Emerging Trends in Affective Computing and Measuring Emotional Intelligence

### Message from the Guest Editor

**Affective computing** is an interdisciplinary field combining **psychology and computer science**, focused on recognizing and analyzing human emotions through **facial expressions (dynamic/micro), speech, multi-modal signals, and physiological data** (e.g., EEG, ECG, MEG). While AI underpins many current methods, improving emotion recognition requires deeper integration with **psychological and neuroscientific insights**, aiming for greater accuracy and broader emotional classification in real-life applications. This Special Issue seeks **innovative, multidisciplinary research** at the intersection of affective computing and **emotional intelligence (EI) measurement**, including but not limited to:

- AI-based approaches to assess EI components such as **self-awareness, regulation, empathy, motivation, and social skills**.
- Integration of **psychological theory and AI** for emotion analysis.
- Advances in **facial expression, speech, multi-modal, and biosignal-based** emotion recognition.
- **Quantitative methods** for detecting emotional disorders (e.g., **loneliness, depression, anxiety**) within **computational psychology/psychiatry**.

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### Guest Editor

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### Deadline for manuscript submissions

30 April 2026



## Journal of Intelligence

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## About the Journal

### Message from the Editor-in-Chief

The relatively new and ambitious *Journal of Intelligence* is devoted to the study of human intelligence. Intelligence is a fundamental core of being human, with far-ranging implications for all members of our society. Now more than ever, in a world in which most have access to the Internet, information, and misinformation, with reduced face-to-face interactions, understanding how to measure and develop human intelligence is a critical and vital mission. Human intelligence is studied from many different perspectives, for different purposes, and this journal has an open policy with respect to approaches and methodologies. We encourage submissions with the potential to innovate, show alternative perspectives, and highlight the importance of developing and measuring intelligence as well as studies on intelligence that have an impact on our lives.

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### Editor-in-Chief

Prof. Dr. Con Stough

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