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41

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Special Issue: Advances in Biomedical Signal and Image Processing

submission Deadline: 20 January 2026

This Special Issue focuses on the development and testing of novel algorithms and approaches, as well as the verification and validation of existing methods, using advanced tools such as artificial intelligence, artificial neural networks, data mining techniques, and wavelets.

Topics of interest include (but are not limited to) the following:

- Filtering a signal affected by noise;
- Correcting the side effects of limited light conditions;
- Improving the visibility and contrast of a medical image;
- Compressing a signal to optimize data storage and enabling its remote transmission for telemedicine, e-health, or portable devices;
- Enhancing feature extraction for computer-aided diagnosis;
- Exploring motion analysis and recognition;
- Designing human–computer interfaces with biosignals;
- Offering computing solutions for automatic treatment with the aid of artificial intelligence.



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