

## CALL FOR PAPERS

### Special Session:

Real-time processing systems

### Organized and Co-chaired by:

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In recent years, real-time digital signal and image processing have been highly relevant topics for a wide variety of applications in the service, industrial, and medical sectors, among many others. Therefore, carrying out an entire process through the design, implementation, and integration of multiple systems has attracted the attention of researchers, where each structure makes a simple task or is based on a parallel-pipeline computation. In this regard, it is our pleasure to invite you to participate in the ROPEC 2024 topics of interest in the special section of Real-time processing systems, which includes but is not limited to the following subjects, facing the design and/or implementation of a system for real-time processing:

- Optimization of digital hardware architectures.
- Implementation of algorithms in real-time.
- Software optimization for real-time processing.
- Design and implementation of embedded systems.
- Design and implementation of systems with microprocessors, microcontrollers, FPGA, GPU, etc.

Sincerely yours,  
Organizer committee