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## SPECIAL ISSUE: FRACTIONAL-ORDER CIRCUITS AND SYSTEMS

The focus of this special issue is to continue, advance and review research on topics relating to the theory, analysis, design, implementation and application of fractional-order circuits and systems.

Open for submission: 1<sup>st</sup> July 2023.

Submission deadline: 1<sup>st</sup> July 2024.

Guest editors: Dr. Todd J. Freeborn, prof. Costas Psychalinos, Dr. Roman Šotner

Topics that are invited for submission include (not limited to):

- Fractional-order circuit theory.
- Fractional-order filter and oscillator designs and realizations.
- Fractional-order control systems and implementations.
- Fractional-order nonlinear dynamics modeling and analysis.
- Analog and digital approximations for analysis, simulation, and realization of fractional-order systems.
- Active and passive designs of fractional-order circuit elements.
- Applications of fractional-order circuit models for biology, biomedicine, and energy storage elements.
- Comprehensive reviews of recent progress in fractional-order systems



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