



CALL FOR PAPERS

ICAASP 2023
Oct 25-26, 2023
Barcelona, Spain

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICAASP 2023 : International Conference on Advanced Analog Signal Processing is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Analog Signal Processing. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Analog signal processing	
Analog signal processing, filtering and instrumentation	
Analog signal processing for industrial applications	
Synthesis of computational structures for analog signal processing	
Examples of signals and signal processing systems	
Analog linear time-invariant systems	
Circuits and linear systems	
Review of DC circuit analysis: KCL, KVL, dependent sources	
Capacitors and inductors as circuit elements	
Op-amp circuits	
Characterization and solution of LSI systems via linear, constant-coefficient differential equations	
Complex numbers and functions of a complex variable	
	Impedance, phasors, and sinusoidal steady-state
	Frequency response and multi-frequency circuits
	Fourier series
	Fourier transform
	AM radio
	Impulse and impulse response
	Sampling theorem and overview of digital signal processing
	Stability
	Laplace transform and transfer function
	Laplace transform solution of differential equations
	General form of solution to a differential equation
	Design of active filters