



CALL FOR PAPERS

ICCACEAD 2020
Feb 06-07, 2020
Amsterdam, The Netherlands

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.

ICCACEAD 2020 : International Conference on Computer Aided Circuit Engineering, Analysis and Design is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computer Aided Circuit Engineering, Analysis and Design. 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:

Computer aided circuit design
Computer aided design of integrated circuits and systems
Computer aided circuit analysis and design
Computer-aided design of analog integrated circuits and systems
Formulation of network equations
Solution of linear DC and AC circuit equations
Companion models for linear and nonlinear time-domain analyses
Solution of linear and nonlinear dc and time-domain circuit equations
Harmonic analysis of nonlinear circuits
Steady-state analysis of lightly-damped nonlinear circuits
Calculation of linear and nonlinear DC, AC, and time-domain circuit sensitivities

AC, DC, and transient gradient calculations
Design optimization - DC, AC, transient
Behavioral models and simulation
Analog synthesis
Symbolic analysis
Analog layout
Analog modeling and analysis
Specialized analog simulation
Circuit centering and yield optimization
Circuit testing