



Palermo|Italy|12th.15thJune2018



Call For Papers

SPECIAL SESSION

## SYSTEM MODELING AND OPTIMIZATION

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**Organized and co-chaired by:** Prof. Jose Luiz Barbosa and Dr. Wesley Pacheco Calixto, Electrotechnical Department – IV, Federal Institute of Goias (Brazil)

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**Objective and topics:** This special session aims to integrate works developed emphasizing on mathematical modeling of systems and applied optimization to solving problems of different areas of knowledge. The works carried to showing in this session describes physical behavior of systems and processes through the fundamental physical laws of science and engineering, creating mathematical models. Through the mathematical modeling provide conditions to simulate various situations and conditions of difficult or even impossible implantation in a real system due to financial, physical, security, temporal limitations or even by the risk of damages into a real system. Mathematical models can aid in process analysis, enabling control studies and optimization of parameters to achieve improved solutions.

Topics:

- Physical behavior of systems;
- Mathematical modeling;
- Simulations;
- Optimization of parameters.

All the instructions for paper submission are included in the conference website:

<https://www.eeeic.net/eeeic/>