

19 / 23
Sept. 2021
ANGERS
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European Safety and Reliability Conference

esrel2021.org

CALL FOR ABSTRACTS

Special session on *Balanced System Reliability*

Description

Balanced system has attracted a great deal of attention in reliability theory and applications. Various balanced systems have been introduced and studied in literature by expanding the concepts of balance, using different methods of reliability modeling, considering different system structures and so forth. The reliability analysis of balanced systems was first studied by Hua & Elsayed in 2016, now it is an important and hot topic in reliability area.

Motivation

Now although there are less than 20 papers on balanced system reliability in literature, it is sure that the balanced system reliability will have much developed. It is hopeful via this special session in ESRE2021 to promote the development on balanced system reliability.

Objective

- (1). To promote the development of balanced system reliability;
- (2). To provide some new results in researches and applications on balanced system reliability;
- (3). To extend the future researches and application on balanced system reliability.

Organizer

Cui Lirong, **email:** Lirongcui@bit.edu.cn, **affiliation:** Beijing Institute of Technology

The validation of the special sessions will be done under the responsibility of the technical and scientific committee. Organizers are invited to provide a list of reviewers that may be supplemented by TC members to ensure consistency in the evaluation process.