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Challenges in Reliability Analysis of Aerospace Electronics

Guest Editors:

Dr. John W. Evans

NASA HQ Office of Safety Mission Assurance, Washington, DC, USA

Prof. Dr. Ephraim Suhir

Deadline for manuscript submissions:

closed (30 November 2018)

Message from the Guest Editors

This Special Issue is seeking a wider range of papers covering the latest developments in the reliability analysis of aerospace electronics. Of special interest are the latest developments driven by Model-Based Systems Engineering (MBSE) at the system level. In addition, articles covering the latest developments and applications of the physics of failure—inclusive of radiation effects—are sought for this journal. This includes the analysis of failure mechanisms and the incorporation of probabilistic methods concurrently with physics of failure, as well as effective uses of test data and field operational data within the analytical framework.

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Special Issue



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Prof. Dr. Konstantinos Kontis

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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Aerospace Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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