

CALL FOR PAPERS

on

Statistical Reliability Modeling and Optimization

Special Volume of the *Annals of Operations Research*

Growing international competition has increased the need for all industries to produce products at their best reliability level and the lowest cost by integrating statistical methods and the applications of reliability modeling earlier in the design process. Articles concerning new theoretical research and methods on statistical reliability in design and optimization are solicited. Preference will be given to papers with real-world applications over purely theoretical papers. Topics of interest include, but are not limited to:

- Statistical methods in reliability design
- Statistical reliability and durability predictions
- Reliability modeling and optimization
- Industrial automation and maintenance
- Mechanical system reliability and life testing
- Human reliability analysis
- Failure mechanisms and analysis in design
- Field data analysis
- Mathematical and statistical methods in reliability
- Product development life cycle
- Industrial case studies.

Deadline for submissions: January 31, 2019

Publication: Papers will be published individually online soon after acceptance.

Submission Details:

All manuscripts should be submitted electronically to the AOR Submission Online System at <http://www.editorialmanager.com/anor/>. When requested to select an article type, please select "SI: Statistical Reliability and Optimization".

Guest Editor: Hoang Pham, Department of Industrial and Systems Engineering, Rutgers University, Piscataway, New Jersey, USA; Email: hopham@soe.rutgers.edu