



**Fifteenth International Conference on
Ecological Vehicles and Renewable Energies
EVER2020, May 28-30, 2020, Monte-Carlo (Monaco)**

**Call for Contributions to the Special Session on
“Reliability of Electric Drives and Grids”**

**by Prof. Dr. Hans-Georg Herzog, Dr. Igor Bolvashenkov, and Jörg Kammermann
Institute of Energy Conversion Technology,
Technical University of Munich (TUM), Germany**

Thematic: The ongoing development of electrical systems leads to an increase of component requirements; hence, the complexity of modern engineering systems is growing. The target function of such systems is to achieve the required level of their sustainable and safety operations with maximum efficient and stable fulfillment. The implementation of the specified requirements is closely related to the assessment and improvement of sustainable operation indicators of the electrical system.

This special session will be an opportunity for specialists coming from academia and industry to share their experiences aimed at the improvement of electric drives and grids in consideration of reliability, fault tolerance, and safety.

Topics of interest include, but are not limited to:

- reliability and safety analysis
- reliability-oriented design
- reliability, availability, and maintainability
- reliability testing and statistics
- methods and models for reliability assessment
- fault tolerance
- condition monitoring and lifetime estimation
- fault detection
- fault prediction

Submission: Prospective authors are invited to submit comprehensive abstracts of 2–4 pages (A4, one-column), written in English. The abstracts need to be submitted for review by e-mail to: igor.bolvashenkov@tum.de and joerg.kammermann@tum.de

Important Dates:	October 11, 2019	submission of abstracts
	December 6, 2019	notification of Provisional acceptances
	February 7, 2020	submission of full papers
	March 20, 2020	notification of final acceptances