

Seznam publikací - List of publications

Related IEEE papers

- G. Hofmann and G. Scharfenberg, "Applicability of the ISO 26262 for functional safety for motorbikes," 2014 International Conference on Applied Electronics, Pilsen, 2014, pp. 107-112.
- G. Hofmann and G. Scharfenberg, "Random Hardware failure compliance of a cell balancing circuit with the requirements of automotive functional safety," 2015 International Conference on Applied Electronics (AE), Pilsen, 2015, pp. 61-66.
- G. Hofmann and V. Georgiev, "Using VHDL-AMS to simulate aging behavior of electronic components," 2016 International Conference on Applied Electronics (AE), Pilsen, 2016, pp. 89-92.

Related papers and other Conference participation

- Hofmann, G.; Scharfenberg, G.: Überlegung zur normativen Anpassung der ISO 26262 aufgrund des autonomen Fahrens, Automotive Software Kongress 2015, Weka-Fachmedien, Hochschule Landshut, 23.09.2015
→ paper was published in magazine „Elektronik automotive“ 03/2016
- Hofmann, G.; Scharfenberg, G.: Wege zur funktionalen Sicherheit elektronischer Systeme in der Medizintechnik, Entwicklerforum Medizinelektronik 2015, Weka-Fachmedien, München, 29.10.2015

Related with Impact factor

- Scharfenberg G., Hofmann G. New design methodology – using VHDL-AMS models to consider aging effects in automotive mechatronic circuits for safety relevant, International_Journal_of_Automotive_Technology, turned in for review, 10.09.2018
 - Hofmann G., Elis L, Georgiev V.; Temperature aging measurements of commercial resistors; journal of instrumentation, turned in for review 10.09.2018
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Not related

- Lecture notes for Master course product management and supply chain management, OTH Regensburg, for Master study "Automotive Electronics", since 2013
- Lecture notes for automotive service process and service techniques, HS Esslingen, 2016/2017
- Laboratory tutorials for automotive service processes, automotive service techniques and automotive basics ("Partner am Fahrzeug"), 2016/2017
- Hofmann G., Oßwald, H., Hagdorn J., Ay U.: „Partner am Fahrzeug“: Ein neues Tutorium in der Fakultät Fahrzeugtechnik, in spektrum Zeitschrift der Hochschule Esslingen, 44/2017

