

# informatik-Kolloquium

Der Fachbereich Informatik der Johannes Kepler Universität Linz<sup>1</sup> lädt in Zusammenarbeit mit der Österreichischen Gesellschaft für Informatik (ÖGI) zu folgendem Vortrag ein:

**Topic: Functional Safety – A brief overview from DFT point of view**

**Presenter: Dr. Daniel Tille**  
Infineon, Munich, Germany

**Datum: Tuesday, October 9<sup>th</sup> 2018, 14:00**

**Location: JKU, Computer Science Building (Science Park 3), room S3 318**

## **Abstract:**

Functional Safety is currently a very hot topic in the Automotive semiconductor community. Its fundamental purpose is to develop systems, that work correctly even in the presence of a fault. The international standard ISO 26262 gives instructions how the development of such a safe chip can be accomplished and how functional safety can be validated. The main goal of this presentation is to give some insights into this important topic. Furthermore, it is discussed how Design-for-Test usually contributes here during the development.

## **Short Bio:**

Daniel Tille has been with Infineon Technologies in Munich for 6 years. He is DFT Architect for Infineon's automotive microcontroller family AURIX. Additionally, he leads a team of DFT engineers.

From 2010 to 2012 he worked for Daimler in Sindelfingen where he developed new formal automatic test case generation methods.

Daniel Tille holds a Diploma degree in Computer Science from University of Halle and a PhD degree in Engineering from University of Bremen.

*Einladender: Univ.-Prof. Dr. Robert Wille  
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<sup>1</sup> Der Fachbereich (<http://informatik.jku.at>) besteht aus folgenden Instituten:  
Application Oriented Knowledge Processing (FAW), Bioinformatics, Computational Perception, Computer Architecture, Applied Systems Research and Statistics, Computer Graphics, Formal Models and Verification, Networks and Security, Integrated Circuits, Pervasive Computing, Software Systems Engineering, System Software, Telecooperation, Signal Processing