

## Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32 - Face-to-Face Training

### Objectives

This training addresses newcomers to the area of debugging with the Lauterbach TRACE32 toolchain as well as users who want to extend their knowledge, for example, of multicore target platforms. Generic and AURIX™ specific features are highlighted and demonstrated, also in the context of the Lauterbach scripting language Practice. From generating fundamental configuration scripts across all classicdebug methods to more advanced techniques, like automation through Python and operating system based debugging, attendees will extend and intensify their knowledge. They work on fully functional target platforms enabling them to directly apply and reproduce what they just learned.

### Participants

Hardware and software developers, test engineers, verification engineers, application engineers, integrators

### Requirements

Basic knowledge of the AURIX™ microcontroller architecture

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### Content

AURIX™ Debug Basics

T32 Intro

Practice: Scripting Language Aspects

Startup Scripts - Multicore (SMP, AMP)

"Housekeeping" Features

System Command Group

Special AURIX™ Features

Views (Registers, Peripherals, Memory, Variables, Code)

Call Stack

Breakpoints

Symbol Database

Source Path Adjustments

Basic Measurements (RunTime, Benchmark Counters, CLOCK)

Unit Test

Automation with Python

OS Awareness

### FACE-TO-FACE TRAINING

**Price \***                      **Duration**

700,00 €                      1 day  
Training code: E-T32-BAS  
\* Price per attendee, in Euro plus VAT

**Live Online - English**

<b>Date</b>	<b>Duration</b>
16.07. – 16.07.2026	1 day

**Face-To-Face - German**

<b>Date</b>	<b>Duration</b>
29.10. – 29.10.2026	1 day

**Live Online - German**

**Duration**  
1 day

**Coaching**

Our coaching services offer a major advantage: our specialists introduce their expertise and experience directly in your solution process, thus contributing to the success of your projects.

We will be happy to provide you with further information or submit a quotation tailored to your requirements.