

TRACE32®

ONLINE-TRAINING for Basic Debugging

The aim of this basic training is to enable you to setup your TRACE32® tools as quickly and easily as possible and to carry out your practical daily work with maximum efficiency. Four self-contained training blocks cover all the important basics you need to perform your debug sessions successfully.

MORE INFORMATION: trace32-training@lauterbach.com · www.lauterbach.com/training/debugging-basics

DAY 1

09:30 – 11:00 am

- Introduction into Lauterbach Hardware
- License Model
- Configuration File built with TRACE32® Start
- Setup your Debug Session
- Onchip Flash Programming (Flash Handler)
- Introduction into PowerView
User Interface, Modify Menu- and Tool Bar, Command Structure & built-in Help System, Registers, Peripheral Registers, Memory Access

02:00 – 03:30 pm

- Breakpoints
Software Breakpoints, Onchip Breakpoints (all options)
- SMP Concept
SMP Debugging, Comparison to AMP

DAY 2

09:30 – 11:00 am

- High Level Language Debugging
Load the Application Program, Symbol Data Base, Display Variables, Variable Monitoring, Variable Logging
- Isolated Function Test
- Debugging of Optimized Code
- Sample based Profiling

02:00 – 03:30 pm

- Script Language Practice
Introduction into Practice Language Use, Elements, Flow Control, Create and Debug a Script, Parameter Passing, Host OS Interaction, UI I/O Commands, Event Control, Dialog Programming, Designing Robust Practice Scripts

TRAINING

