

Trainings

| Title | Days | Price in € | Date |
|---|------|---------------|--|
| Microcontrollers | | | |
| Arm®/CORTEX® | | | |
| Cortex®-M7, M4, M3, M1, M0: Arm® Cortex-M Architecture | 4 | 2.200 | 09.09. - 12.09.2019 09.12. - 12.12.2019 09.03. - 12.03.2020 |
| Cortex®-M23, M33: Armv8-M Architecture with Security Extension | 4 | 2.400 | 08.07. - 11.07.2019 18.11. - 21.11.2019 30.03. - 02.04.2020 |
| Cortex®-M23, M33: Armv8-M Architecture for Trainees with Knowledge of the Previous Version | 2 | 1.650 | on request |
| Cortex®-R4, R5, R7, R8: Arm® Cortex-R Architecture | 4 | 2.200 | 08.07. - 11.07.2019 25.11. - 28.11.2019 |
| Cortex®-A5, A7, A8, A9, A15, A17: Arm® Cortex-A Architecture | 4 | 2.200 | 08.07. - 11.07.2019 25.11. - 28.11.2019 |
| Renesas Synergy™: Application Programming | 3 | 1.650 | on request |
| STM32: Technical Training | 3 | 1.650 | on request |
| XMC4000/1000: 32-Bit Industrial Microcontroller Arm® Cortex®-M4/-M0 | 5 | 2.400 | on request |
| Arm7/ 9/ 10/ 11™: Architecture and Embedded Programming | 4 | 2.200 | 08.07. - 11.07.2019 25.11. - 28.11.2019 |
| Atmel Studio 6 & ASF for Atmel Arm Core-based Flash Microcontrollers | 1 | | Onsite Training |
| Coaching: Arm®/CORTEX® | | | on request |
| TriCore™/AURIX™ | | | |
| AURIX™ TC2xx: 32-Bit Multicore Microcontroller Family | 5 | 2.750 | 14.10. - 18.10.2019 03.02. - 07.02.2020 |
| AURIX™ TC3xx Workshop: 32-Bit Multicore Mikrocontroller-Family (2G Second Generation) | 5 | 2.950 | 01.07. - 05.07.2019 26.08. - 30.08.2019 18.11. - 22.11.2019 17.02. - 21.02.2020 |
| Generic Timer Module v1 and v3 (Bosch-GTM): Architecture and Programming | 2 | 1.200 | 19.12. - 20.12.2019 |
| TriCore™ AUDO MAX Family: Architecture and Peripherals | 5 | 2.500 | on request |
| TriCore™ AUDO FUTURE Family: Architecture and Peripherals | 5 | 2.500 | on request |
| TC17x7: Practical Application of TriCore™ Specific Peripherals | 3 | 1.650 | on request |
| Debugging for TriCore/AURIX™ with Lauterbach TRACE32 | 1 | 630 | on request |
| Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with Lauterbach TRACE32 | 1 | 630 | on request |
| Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE | 1 | | Onsite Training |
| Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE | 1 | | Onsite Training |
| Coaching: TriCore™/AURIX™ | | | on request |
| Power Architecture® | | | |
| SPC56XX: 32-Bit Single-Core Power Architecture® | 5 | | Onsite Training |

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| MPC56XX: 32-Bit Power Architecture® | 5 | 2.750 | on request |
| Coaching: Power Architecture® | | | on request |

Microcontroller Architectures and Peripherals

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|---|---|-------|--|
| Microcontroller/ Microprocessor Basics | 4 | | Onsite Training |
| XC2000/XE16x/XC16x/ST10: Architecture, Peripherals and Embedded Programming | 5 | 2.500 | on request |
| XC8xx/C500/8051 8-Bit Microcontrollers: Architecture and Embedded Programming | 5 | 2.350 | on request |
| Embedded Multicore Microcontrollers: Practical Application | 3 | 1.800 | 02.09. - 04.09.2019 25.11. - 27.11.2019 16.12. - 18.12.2019 30.03. - 01.04.2020 |
| Coaching: Microcontroller Architectures and Peripherals | | | on request |

Embedded and Real-Time Programming

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|---|-----|-------|--|
| Embedded C: Programming Methods and Tools for Embedded Applications | 4 | 1.960 | 28.10. - 31.10.2019 13.01. - 16.01.2020 |
| Embedded C++: Object-Oriented Programming for Microcontrollers with C++/EC++ and UML | 4.5 | 2.250 | 02.09. - 06.09.2019 09.03. - 13.03.2020 |
| Embedded C++ Advanced: Object-Oriented Programming for Microcontrollers with C++/EC++ | 4.5 | 2.250 | on request |
| Renesas Synergy™: Application Programming | 3 | 1.650 | on request |
| Coaching: Embedded and Real-Time Programming | | | on request |

Multicore Programming

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|---|---|-------|--|
| Embedded Multicore Microcontrollers: Practical Application | 3 | 1.800 | 02.09. - 04.09.2019 25.11. - 27.11.2019 16.12. - 18.12.2019 30.03. - 01.04.2020 |
| Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with Lauterbach TRACE32 | 1 | 630 | on request |
| Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE | 1 | | Onsite Training |
| Coaching: Multicore Microcontroller Selection | | | on request |

Embedded and Real-Time Operating Systems, RTOS

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|--|---|-------|---|
| RTOS Basics and Application: RTOS Mechanisms and their Application in Runtime Architectures for Embedded and Real-Time Systems | 4 | 2.200 | 24.06. - 27.06.2019 13.01. - 16.01.2020 30.03. - 02.04.2020 |
| RTOS Application: Development of Runtime Architectures for Embedded and Real-Time Systems | 1 | 600 | 27.06. - 27.06.2019 31.10. - 31.10.2019 16.01. - 16.01.2020 |
| Renesas Synergy™: Application Programming | 3 | 1.650 | on request |
| Coaching: Embedded and Real-Time Operating Systems | | | on request |

Tools and Debug

| | | | |
|--|---|-----|------------|
| Debugging for TriCore/AURIX™ with Lauterbach TRACE32 | 1 | 630 | on request |
|--|---|-----|------------|

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| Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE | 1 | | Onsite Training |
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★ = Guaranteed to run