.calendar { width: 100%; border-collapse: collapse; } .calendar th, .calendar td { border: 1px solid #ddd; padding: 8px; } .calendar th { background-color: #f2f2f2; text-align: center; } .calendar tr:nth-child(even) { background-color: #f9f9f9; } .calendar tr:hover { background-color: #ddd; } .calendar .cal_header { background-color: #4CAF50; color: white; } .calendar .cal_category { background-color: #2196F3; color: white; } .calendar .cal_col_header { background-color: #f2f2f2; } .calendar .cal_c_even { background-color: #ffffff; } .calendar .cal_c_odd { background-color: #f9f9f9; } .calendar .cal_c_even_s_even, .calendar .cal_c_even_s_odd, .calendar .cal_c_odd_s_even, .calendar .cal_c_odd_s_odd { background-color: #ffffff; } .calendar a { color: #2196F3; text-decoration: none; } .calendar a:hover { text-decoration: underline; }

Safety and security

Course	Duration	Sessions		
		Dates	Location	Town
oC1 - Effective MISRA C	20 hours	*on request*		
oC2 - MISRA Compliance for Project Managers	6 hours	*on request*		
oSEC10 - Cyber Resilience Act and Embedded Systems	1 day	*on request*		
oSEC1 - Secure C/C++ Development for Embedded Systems	18 hours	31/03-02/04	Online EurAsia (9h-16h CET)	Online EurAsia
oSEC2 - Advanced Embedded Systems Security	12 hours	*on request*		
oSEC12 - Comprehensive Secure Systems Programming	30 hours	*on request*		
oSEC5 - Embedded Security for STM32-based devices	12 hours	*on request*		
oSEC6 - Embedded Security for NXP i.MX-based processors	12 hours	*on request*		
oSEC7 - ARM TrustZone for Cortex-M based devices	6 hours	*on request*		
oSEC8 - Secured Embedded Linux Platform Build	12 hours	28-29/04	Online EurAsia (9h-16h CET)	Online EurAsia
oSEC9 - Advanced Embedded Linux Security	3 days	*on request*		

Languages

Course	Duration	Sessions		
		Dates	Location	Town
oL2 - C Language for Embedded MCUs	24 hours	*on request*		
oL3 - Embedded C++ Programming	18 hours	*on request*		
oL9 - OpenCL	20 hours	*on request*		
oL10 - Embedded Modern C++ Programming	12 hours	*on request*		
oL30 - Classic and Modern C++ for Embedded Systems	30 hours	*on request*		

FPGA

Course	Duration	Sessions		
		Dates	Location	Town
oRV1 - RISC-V Architecture	18 hours	*on request*		
oV1 - VHDL Language basics	24 hours	*on request*		
oV2 - Advanced VHDL for FPGA	18 hours	*on request*		

Real-Time

Course	Duration	Sessions		
		Dates	Location	Town
oRT1 - Linux Real-Time and Multi-Core programming	30 hours	*on request*		
oRT3 - Real Time Programming with FreeRTOS	24 hours	13-16/05	Online EurAsia (9h-16h CET)	Online EurAsia
oRT5 - Zephyr RTOS Programming	30 hours	17-21/02	Online USA (8am to 3pm Pacific)	Online USA
		17-21/03	Online EurAsia (9h-16h CET)	Online EurAsia
oRT6 - Real Time Programming with Eclipse ThreadX	18 hours	*on request*		
oSTG - STM32 + FreeRTOS + LwIP	30 hours	*on request*		

Linux

Course	Duration	Sessions		
		Dates	Location	Town
oD0 - Linux User Mode Programming	24 hours	*on request*		
oD1 - Embedded Linux	12 hours	*on request*		

oD1Y - Embedded Linux using Yocto	30 hours	*on request*
oD3 - Linux Drivers	24 hours	*on request*
oY1 - Yocto Project Development	18 hours	*on request*
oY2 - Yocto Project Expert	12 hours	*on request*
oY12 - Comprehensive Yocto Project Usage	30 hours	*on request*

Android

Course	Duration	Sessions		
		Dates	Location	Town
G1 - Android Installation	3 days	*on request*		
G2 - Android Programming	5 days	*on request*		
G3 - Android Internals	5 days	*on request*		
G5 - Android for Industrial System Control	4 days	*on request*		

Linux

Course	Duration	Sessions		
		Dates	Location	Town
D0 - Linux user mode programming	4 days	*on request*		
D1 - Embedded Linux with Buildroot and Yocto	4 days	*on request*		
D1S - Embedded Linux with Ac6 System Workbench	3 days	*on request*		
D1Y - Embedded Linux with Yocto	5 days	*on request*		
D3 - Linux Drivers	4 days	*on request*		
D4 - Real-time Linux	4 days	*on request*		
D5 - Embedded GUI	3 days	*on request*		
D7 - Power Management in Linux Drivers	2 days	*on request*		
D8 - USB Linux Drivers	3 days	*on request*		
Q1 - Embedded GUIs with Qt	4 days	*on request*		
Y1 - Yocto Project Development	3 days	*on request*		
Y2 - Yocto Project Expert	2 days	*on request*		
Y12 - Comprehensive Yocto Project Usage	5 days	*on request*		

RTOS

Course	Duration	Sessions		
		Dates	Location	Town
IOT1 - Internet of Things (IOT) on Microcontrollers	3 days	*on request*		

Safety and security

Course	Duration	Sessions		
		Dates	Location	Town
C1 - Effective MISRA C	2 days	*on request*		
C2 - MISRA Compliance for Project Managers	1 day	*on request*		
SEC1 - Developing C/C++ Secure Embedded Systems	18 hours	*on request*		
SEC10 - Cyber Resilience Act and Embedded Systems	1 day	*on request*		
SEC2 - Advanced Embedded Systems Security	12 hours	*on request*		
SEC12 - Comprehensive Secure Systems Programming	30 hours	*on request*		
SEC6 - Embedded Security for NXP i.MX-based processors	2 days	*on request*		
SEC7 - ARM TrustZone for Cortex-M based devices	1 day	*on request*		
SEC8 - Secured Embedded Linux Platform Build	2 days	*on request*		
SEC9 - Advanced Embedded Linux Security	3 days	*on request*		

Languages

Course	Duration	Sessions		
		Dates	Location	Town
L2 - C language for Embedded MCUs	4 days	*on request*		
L3 - Embedded C++	3 days	*on request*		
L4 - Industrial Java	4 days	*on request*		
L4G - Java for Android	2 days	*on request*		
L5 - Java Temps Réel	3 days	*on request*		
L8 - Python	4 days	*on request*		
L9 - OpenCL	3 days	*on request*		

L10 - Embedded Modern C++ Programming	2 days	*on request*
L30 - Classic and Modern C++ for Embedded Systems	5 days	*on request*

Methods

Course	Duration	Sessions		
		Dates	Location	Town
C7 - UML Real-Time	4 days	*on request*		
C8 - Critical Systems Safety	3 days	*on request*		
C9 - Software Architecture with UML	4 days	*on request*		
E1 - Eclipse	3 days	*on request*		

Real-Time

Course	Duration	Sessions		
		Dates	Location	Town
MC4 - Multi-Core Programming with OSEK/VDX and AutoSAR	3 days	*on request*		
RT1 - Real Time and Multi-Core programming	5 days	*on request*		
RT3 - FreeRTOS Real Time Programming	3 days	*on request*		
RT5 - Zephyr RTOS Programming	5 days	*on request*		
RT6 - Real Time Programming with Eclipse ThreadX	3 days	*on request*		

FPGA

Course	Duration	Sessions		
		Dates	Location	Town
ALT1 - CYCLONE-V CORTEX-A9 HARD PROCESSOR SYSTEM	5 days	*on request*		
H1 - Lattice Mico32 FPGA embedded processor	3 days	*on request*		
H2 - Lattice Diamond	2 days	*on request*		
HX4 - AMD (Xilinx) - Microblaze implementation	2 days	*on request*		
HX5 - AMD Zynq All Programmable SoC: Hardware and Software Design	2 days	*on request*		
MSP - Microchip SmartFusion2 Programming	3 days	*on request*		
RV1 - RISC-V Architecture	3 days	*on request*		
V0 - Programmable components fundamentals	2 days	*on request*		
V1 - VHDL Language Basics	4 days	*on request*		
V2 - Advanced VHDL for FPGA	3 days	*on request*		
V3 - Design with SystemC	4 days	*on request*		

ARM Cores

Course	Duration	Sessions		
		Dates	Location	Town
AAA - ARM Cortex-A and R Architecture (v7/v8)	4 days	25-28/03	Online EurAsia (9h-16h CET)	Online EurAsia
AAM - ARM Cortex-M Architecture (v7/v8)	4 days	*on request*		
RA0 - Cortex-A5 implementation	4 days	*on request*		
RA1 - Cortex-A8 implementation	3 days	*on request*		
RA2 - Cortex-A9 implementation	4 days	*on request*		
RA3 - Cortex-A15 implementation	4 days	*on request*		
RA4 - Cortex-A7 implementation	4 days	*on request*		
RA5 - Cortex-A17 implementation	4 days	*on request*		
RA6 - CORTEX-A57 implementation, ARM Architecture V8	4 days	*on request*		
RA7 - CORTEX-A53 implementation, ARM Architecture V8	4 days	*on request*		
RA8 - CORTEX-A72 implementation, ARM Architecture V8	4 days	*on request*		
RA9 - CORTEX-A73 implementation, ARM Architecture V8	4 days	*on request*		
RC1 - NEON-v7 programming	2 days	*on request*		
RC2 - NEON-v8 programming	2 days	*on request*		
RI0 - AXI3 / AXI4 INTERCONNECT	2 days	*on request*		
RM0 - Cortex-M0 / Cortex-M0+ implementation	2 days	*on request*		
RM1 - Cortex-M1 implementation	3 days	*on request*		
RM2 - Cortex-M3 implementation	4 days	*on request*		
RM3 - Cortex-M4 / Cortex-M4F implementation	4 days	*on request*		
RM4 - Cortex-M7 implementation	4 days	*on request*		
RM5 - Cortex-M33 Implementation	4 days	*on request*		
RR0 - Cortex-R4 implementation	3 days	*on request*		
RR1 - Cortex-R5 implementation	3 days	*on request*		

RR2 - Cortex-R7 implementation	3 days	*on request*
RR3 - ARM Cortex-R52/R52+ Implementation and software design	3 days	*on request*

STM32

Course	Duration	Sessions		
		Dates	Location	Town
STG - STM32 + FreeRTOS + LwIP	5 days	17-21/03	Ac6	Courbevoie / Paris
STR4 - STM32 F0-Series implementation	4 days	*on request*		
STR5 - STM32 F1-Series implementation	5 days	*on request*		
STR6 - STM32 F2-Series implementation	4 days	*on request*		
STR7 - STM32 F4-Series implementation	4 days	*on request*		
STR8 - STM32MP15 Implementation	5 days	*on request*		
STR9 - STM32 Peripherals	5 days	*on request*		

TI SoCs

Course	Duration	Sessions		
		Dates	Location	Town
TI3 - Cortex M4 Texas Instruments Implementation and Ti-RTOS	4 days	*on request*		
TK1 - KEYSTONE II IMPLEMENTATION	4 days	*on request*		

NXP ARM

Course	Duration	Sessions		
		Dates	Location	Town
FA4 - i.MX6 Implementation	5 days	*on request*		
FA5 - i.MX8m Implementation	5 days	*on request*		
FA6 - i.MX8 Max Implementation	5 days	*on request*		
FK1 - Kinetis MCU Implementation	5 days	*on request*		
FK2 - Kinetis KL26z MCU Implementation	4 days	*on request*		
FQ1 - LS1021A QorIQ implementation	5 days	*on request*		
NP1 - LPC21XX/LPC22XX microcontroller implementation	4 days	*on request*		
NP2 - LPC17xx microcontroller implementation	4 days	*on request*		

NXP Power

Course	Duration	Sessions		
		Dates	Location	Town
FCC1 - e500mc implementation	3 days	*on request*		
FCC2 - e5500 implementation	3 days	*on request*		
FCC4 - e6500 implementation	3 days	*on request*		
FCQ1 - P101X QorIQ implementation	5 days	*on request*		
FCQ2 - P2020 QorIQ implementation	5 days	*on request*		
FCQ3 - P204X QorIQ implementation	6 days	*on request*		
FCQ4 - P3041 QorIQ implementation	6 days	*on request*		
FCQ5 - P4080 QorIQ implementation	6 days	*on request*		
FCQ6 - P5020 QorIQ implementation	6 days	*on request*		
FCQ7 - T4240 QorIQ implementation	6 days	*on request*		
FCQ8 - T1024 QorIQ implementation	5 days	*on request*		
FCQ9 - T2081 QorIQ implementation	5 days	*on request*		
FCQ10 - T1040 QorIQ implementation	7 days	*on request*		
FCQ11 - P102X QorIQ implementation	6 days	*on request*		

Internet

Course	Duration	Sessions		
		Dates	Location	Town
STS1 - LwIP Implementation	2 days	*on request*		

Connectivity

Course	Duration	Sessions		
		Dates	Location	Town
I0 - New digital buses	1 day	*on request*		

IA1 - CAN bus	2 days	*on request*
IA3 - MIL-STD 1553B	2 days	*on request*
IC1 - PCI 3.0	3 days	*on request*
IC4 - PCI Express 3.0	4 days	*on request*
IM1 - HDMI 1.4a	2 days	*on request*
IP1 - FireWire	4 days	*on request*
IP2 - USB 2.0	4 days	*on request*
IP3 - USB 3.0	4 days	*on request*

Network

Course	Duration	Sessions		
		Dates	Location	Town
N1 - Ethernet and switching	4 days	*on request*		
N2 - IEEE1588 - Precise Time Protocol	1 day	*on request*		
N3 - Ethernet 10 Gigabit	3 days	*on request*		

Storage

Course	Duration	Sessions		
		Dates	Location	Town
IS2 - eMMC 5.0	2 days	*on request*		
IS3 - Serial ATA III	2 days	*on request*		
IS4 - Universal Flash Storage (UFS 2.0)	3 days	*on request*		
IS5 - SD UHS II (Ultra High Speed II)	2 days	*on request*		