

# 16FX Seminar – Contents



## Objectives of the seminar

The seminar provides the basics of 16FX Family MCUs as well as the environment necessary for development. The participant will learn by hands-on exercises how to set up a new project and make use of basic resources and debug tools.

## Who should attend?

System designers, application engineers

## What prerequisites are required?

Basic knowledge of embedded microcontroller architectures,  
C- Programming

## Seminar contents:

- 16FX family architecture
  - Overview MB96xxx series
  - Core
  - Memory structure, bus interface
  - Programming of Flash memory
- 16FX family resources and peripherals
  - Overview
  - Clock distribution, power modes
  - Interrupt handling
  - Timer overview
- 16FX family tools
  - Softune Workbench
  - Starterkits, evaluation boards
  - Emulator, simulator
  - Operating Systems
- Softune Workbench
  - Main features
  - Installation
  - Getting started
- Hands-on training
  - Starting a new project
  - Basic settings
  - Usage of SK-16FX-EUROSCOPE evaluation board
  - Programming session
  - Simulator
  - External interrupts
  - EUROScope debugger

[Supplemental Info](#)

Questions? [training@fme.fujitsu.com](mailto:training@fme.fujitsu.com)