



FAE Training

Keil Studio Hands-On Labs

Christopher Seidl, Matthias Hertel – Arm
May 21, 2025

Agenda

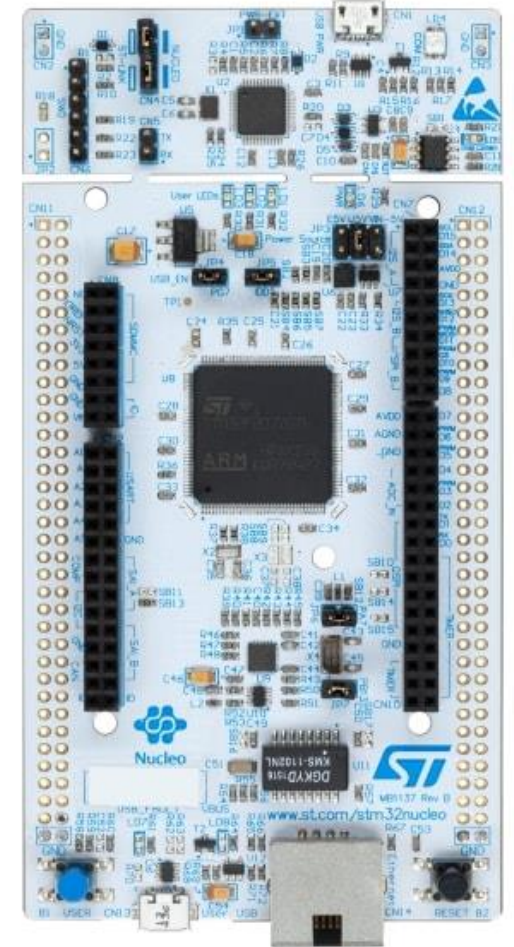
Time	Topic
09.00	Project conversion
09.20	Reference applications
10.00	CI/CD with GitHub
10.30	Break
10.45	ML applications
12.00	Lunch



GitHub repository with training material:
<https://github.com/MDK-Packs/RDM2025>

Target hardware: STMicroelectronics NUCLEO-F756ZG

- STM32 microcontroller in an LQFP144, TFBGA225, or VFBGA264 package
- 3 user LEDs
- 1 user push-button and 1 reset push-button
- SWD
- Ethernet compliant with IEEE-802.3-2002
- USB Device only, USB OTG full speed, or SNK/UFP (full-speed or hi speed mode)
- USB with Micro-AB or USB Type-C®
- Ethernet RJ45
- On-board ST-LINK debugger/programmer with USB re-enumeration capability: mass storage, Virtual COM port, and debug port



arm

Merci

Danke

Gracias

Grazie

谢谢

ありがとう

Asante

Thank You

감사합니다

धन्यवाद

Kiitos

شكراً

ধন্যবাদ

תודה

ధన్యవాదములు

Köszönöm



The Arm trademarks featured in this presentation are registered trademarks or trademarks of Arm Limited (or its subsidiaries) in the US and/or elsewhere. All rights reserved. All other marks featured may be trademarks of their respective owners.

www.arm.com/company/policies/trademarks