STM32MP1 workshop

Moving to STM32MP1 is made easy

- Who we are? ☺
  - Bertrand PINEAU – FAE
  - Tilen MAJERLE – TME

- Who are you?
  - Developers Hardware
  - Developers Software
  - Project Managers, Leaders, Consultants
  - Company Owners
  - Distributors
  - Others

- Experience with Linux?
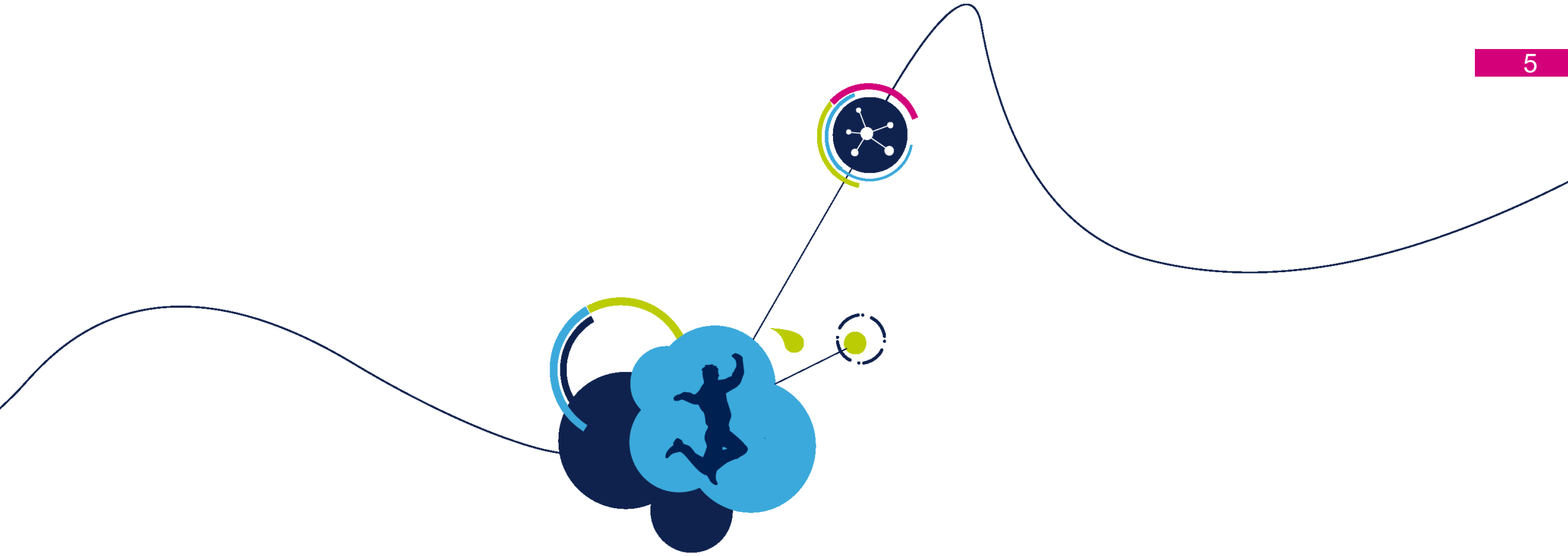
- Experience with Cortex-A?

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Presentation

Time

08:30 (30 min)	PC check-up
09:00 (20 min)	Welcome - Lab getting started
09:20 (25 min)	STM32MP1 marketing
09:40 (40 min)	Hardware overview
10:20 (15 min)	*Break*
10:35 (1 h00)	STM32MP1 Embedded Software
11:35 (40 min)	Lab simple Hello World demo
12:15 (1 h00)	*Lunch*
13:15 (40 min)	Boot chain & security overview
13:55 (25 min)	Lab Boot chain customization
14:20 (45 min)	STM32CubeMx - Lab kernel pin muxing
15:05 (15 min)	*Break*
15:20 (30 min)	A7 & M4 real-time co-processing
15:50 (40 min)	Lab Linux-M4firmware intercommunication
16:30 (40 min)	Hardware design made easy - DDR suite demo
17:10 (15 min)	Conclusion and wrap-up

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Workshop Objectives

- Understand the STM32MP1 solution

- To get confident in moving to this platform with the STM32 eco-system

- Get started with Linux host setup to go further with wiki user guide reference

Thanks