Organized by
Dipartimento di Elettronica, Informazione e Bioingegneria (DEIB)

Course Director
Prof. Luciano Baresi

Duration
20 hours

Venue
Campus Leonardo, Dipartimento di Elettronica, Informazione e Bioingegneria

On-line registration form available at

https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/419

Registrations close on 02/08/2024

There is no registration free

The course is supported by the European Union through the Future Network Academy (https://www.futurenetworksacademy.eu)

Information

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POLITECNICO
MILANO 1863

Corso di Formazione Permanente

Android Development and 5G Networks

FNA
FUTURE NETWORKS ACADEMY

Co-funded by
the European Union

Organized by

Dipartimento di Elettronica, Informazione e Bioingegneria

Intended Audience

Any person interested in how to better exploit 5G networks in Android apps and who has a basic knowledge of object-oriented programming.

The course will be cancelled automatically in case the final number of registrations is less than 7.

Contents

Introduction to Android and Kotlin, Jetpack Compose, Basics of building Android apps, Android 5G, 5G network slicing, meteredness, 5G detection, and bandwidth estimation.

Preliminary Program

Tuesday, September 3,2024

- **Introduction to Android and Kotlin**
- **Jetpack Compose**
- **Examples and exercises**

Thursday, September 5,2024

- **Jetpack Compose**
- **Basic building blocks of Android apps**
- **Examples and exercises**

Tuesday, September 10,2024

- **State management**
- **Interaction with external services**
- **Examples and exercises**

Thursday, September 12,2024

- **Android 5G – part I**
- **Examples and exercises**

Friday, September 13,2024

- **Android 5G – part II**
- **Examples and exercises**
- **Final discussion**

Class schedule

14:00 – 18:00

Venue

Campus Leonardo

Dipartimento di Elettronica, Informazione e Bioingegneria

Instructor

Luciano Baresi