

<https://qtgreece.extenly.com>

*The exclusive conference for all Qt enthusiasts in Greece!*



# Conference Guide

QtGreece @Athens 2025  
Athens, 4 December 2025

Qt<GREECE>

Any participant wishing to contact the organization should consult the information below.

## Contact details

Conference website: <https://qtgreece.extenly.com>

**Email:**

[qtgreece@extenly.com](mailto:qtgreece@extenly.com), [info@extenly.com](mailto:info@extenly.com)

**By post to:**

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## Emergency contacts

Department	Telephone
Police	100
Firefighters	199
Ambulance	166

For all emergencies on Conference site, call the European emergency number 112 from any phone.

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## Introduction to the Conference

QtGreece is the exclusive and the first conference for all Qt enthusiasts in Greece. The event will give you insights about what's new, what's coming next and help you explore the best approach to cross-platform high quality UI application development. Managers, tech leaders, designers and developers are all invited to learn from and share with other Qt users their experiences with the framework.

# 1. Agenda

The final agenda of the conference.

18:00 – 18:30

## **Registration & coffee**

*Registration and welcome coffee.*

18:30 – 18:45

## **Introduction** | Extenly

18:45 – 19:15

## **Practical IoT: A Smart Lamp Built with Qt, C++, and AWS ExpressLink** | Vasileios

Papageorgiou, Extenly

This presentation explores the end-to-end development of a cloud-connected smart lamp ecosystem built using Qt/QML, C++, and AWS ExpressLink.

On the device side, a Raspberry Pi Zero running a custom Gentoo Linux installation hosts the embedded Qt application responsible for controlling the lamp and managing secure communication with AWS IoT Core.

On the client side, we examine the development of an Android application built with Qt/QML that allows users to control the lamp remotely through AWS.

Special attention is given to addressing the Google Play Store's 16-KB page-size requirement for Android binaries—an issue that affects Qt-based apps and requires specific build-system adjustments.

Together, these components demonstrate a practical, maintainable architecture for connecting embedded hardware and mobile clients through AWS IoT, providing actionable insights into cross-platform development, cloud integration, and real-world IoT deployment.

19:15 – 20:00

## **Safer C++: Let's explore the latest MISRA guidelines** | Dimitrios Platis, Neat

C++ is a powerful language, but its flexibility comes with risks, especially in safety-critical systems.

In this talk, we will delve into the latest MISRA C++ rules, see practical code examples, and

discuss how these guidelines can lead to safer systems. MISRA C++:2023 defines a safer, more predictable subset of C++17, helping developers to avoid: - Undefined behavior - Relying on

unspecified or implementation-defined behavior - Risky coding practices the language "allows" - Subtle bugs stemming from common misunderstandings of the language While some rules may

seem restrictive or opinionated, C++ developers may benefit from keeping them in mind even for general-purpose C++. Let's explore and reflect on these guidelines together and get some new ideas of how to write safer C++.

20:00 – 20:15

## **Coffee break**

*Coffee and snacks.*

20:15 – 20:30

## **What's New in Qt 6.10 and What's Next on the Roadmap** | Dominik Holland, Qt Group

Qt 6.10 introduces a range of improvements and new features across the framework, tools, and supported platforms. This talk provides an overview of the key changes in the latest release and a look ahead at what's planned for future Qt versions. Attendees will learn about the most relevant updates for developers, upcoming roadmap highlights, and how these enhancements continue to strengthen Qt as a modern, cross-platform development framework.

20:30 – 21:00

## **Empowering Embedded Systems with the Qt Application Manager** | Dominik Holland, Qt Group

The Qt Application Manager provides a framework for running and managing multiple Qt applications within one system. This talk introduces its core features—such as lifecycle management, process isolation, and system UI separation—and highlights how it can simplify development and improve modularity in complex Qt projects.

21:00 – End

## **Networking, snacks & drinks**

## 2. Speakers

### Dimitrios Platis



Dimitrios Platis calls himself a Software Engineer and a Maker. He primarily works with embedded systems of all shapes and sizes running some kind of Linux, from Yocto to AOSP (Android).

On the side, he offers training courses in C++, tinkers on open source projects ([github.com/platisd](https://github.com/platisd)) and blogs about them ([platissolutions.com/blog](https://platissolutions.com/blog)).

### Vasileios Papageorgiou



Vasilis is a passionate software engineer with a diverse academic background and a deep dedication to Qt development. After graduating in dentistry, he pursued his true calling by earning a degree in computer science and an MSc in medical informatics. Over the past five years, Vasilis has honed his skills in Qt, working extensively with Qt/C++ and Qt/QML to create cross-platform software for both desktop and mobile devices. For the past three years, Vasilis has been contributing his expertise at Extenly, where he has been developing cutting-edge applications. His passion lies in leveraging Qt for creating efficient, user-friendly solutions, with a special focus on Linux and embedded devices. When he's not coding, Vasilis enjoys tinkering with Linux servers and embedded devices, expanding his knowledge of the open-source ecosystem and playing board games.

### Dominik Holland



Dominik has over 15 years of experience with Qt and is the maintainer of the Qt Interface Framework as well as co-maintainer of the Qt Application Manager module. Throughout his career, he has worked on a wide range of customer projects across the automotive, medical, and consumer industries. Currently, he is part of the Qt Professional Services team, where he helps customers design and implement cutting-edge Qt solutions.

## 3. Conference Services and Facilities

### 3.1 Getting There

Impact Hub Athens is located in Athens and is accessible by public transport and car.

If you're coming by car, you can locate the hotel in [Karaiskaki 28, 105 54, Athens, Greece](#) address.

If you're coming by public transport, you can use M3 metro line and get off at *Monastiraki* stop. The venue is at 4min walking distance from the stop

### 3.2 Accommodation

Hotels nearby

Name	Telephone	Email
PAME House	+30 6986 95 7 000	<a href="mailto:office@pamehouse.com">office@pamehouse.com</a>
14 Reasons Why	+30 210 32 54 918	<a href="mailto:info@14reasonswwhy.gr">info@14reasonswwhy.gr</a>
Athens Hub Hostel	+30 210 32 54 754	<a href="mailto:info@athenshubhostel.com">info@athenshubhostel.com</a>

### 3.3 Parking

There are free parking spaces on the streets around as well as various private parking lots in the area.

## 4. Transportation in Athens

### 4.1 Public Transport

In Athens there are available bus, trolley, tram and metro. Click [here](#) for an Athens public transport map for metro, tram and train and [here](#) for general information. You can purchase tickets for all (bus, trolley, metro, tram) only from the vending machines which you'll find inside all metro stations in Athens.

### 4.2 Taxi

For taxi in Athens you can use [18300](#) among others, which has apps for Play Store and Apple Store available but you can also consider using [FREENOW](#) or [Uber](#) apps.