

# 2st 5GCity Hackathon in Lucca Hack the 5G City

## A New Era of City Services on 5G Registration is Open!

Oct. 22, 2019 – Lucca - The [5GCity Consortium](#) has organized in Lucca at the suggestive location of Real Collegio, its 2<sup>nd</sup> **5GCity Hackathon**. The 5GCity project focuses on live demonstration of 5G services in three cities already going



through digital transformation: Bristol, Barcelona, Lucca. Through the 5G management and orchestration platform and a powerful Service Development Kit (SDK) the consortium offered access to a rich set of primitive functions for network and vertical application services which can be used to programme connectivity

with QoS, media acquisition and transcoding, traffic monitoring in the new NFV infrastructures for 5G.

### 5GCity 2nd HACKATHON

5GCity Hackathon will demonstrate, in operational conditions, a distributed cloud and radio platform for municipalities and infrastructure owners acting as 5G neutral hosts. The platform enables to turn a city-infrastructure into a distributed and multi-tenant edge infrastructure by relying on the 5GCity orchestration platform, based on OSM, to manage and orchestrate (NFV + MEC) end-to-end services and creating programmable and on demand network slices.

### CHALLENGES

- Virtual Reality applications for Digital Tourism (e.g. in Museums, Theatres, Monuments Sightseeing)
- Prevent vandalism and graffiti on city monuments
- Participatory and Collaborative Media Journalism
- eHealth for reduced pollution, eco-routing, etc.

## DATE & LOCATION

**21 – 22 November 2019**

### **REAL COLLEGIO**

P.zza del Collegio, 13, 55100 Lucca - Italy



## ELIGIBILITY

We are looking for creative, interdisciplinary teams of 2-5 members that will be able to design, implement, pitch and demonstrate innovative NFV/5G software solutions. Experts on cloud based NFV service development, UI/UX designers, as well as pitching/presentation skills are desired profiles of the team members. Ideally, we would like to have teams just working on 5G, NFV, SDN solutions, from research institutes or universities and from Vertical industries related to 5G (start-ups, SMEs, or companies).

Participants must be 18+ years. All nationalities, ethnicities and genders are welcome to participate.

## ORGANIZATION

1. All participants are required to register themselves on [devpost site](#)
2. Teams are expected to be formed spontaneously by participants before the live event in Lucca and specifically by **3rd Nov 2019 at 17.00 CET**. Please use the dedicated [Google Form](#)
3. Teams will be announced on **5th Nov 2019** and will have the possibility to join a webinar on **6th Nov 2019 at 15.00pm CET** in which they will be introduced to the technologies offered by 5GCity.
4. The live hackathon event will run in **Lucca, Italy on 21-22 Nov 2019**. Each team will be assigned a mentor who will advise its members during design and implementation. Apart from the mentors, additional experts will be available to provide technical support. After the end of the hackathon, the teams will have to pitch their idea/product and demonstrate their software for evaluation from a jury. Finally, the jury will decide and announce the winning teams.

**Maximum room capacity for 40 people; the most promising ideas and teams will be selected up to the maximum capacity of spaces.**

## REGISTRATION IS OPEN!



### More info:

5GCity Hackathon: [https://www.5gcity.eu/hack\\_lucca/](https://www.5gcity.eu/hack_lucca/)

Registration: <https://hackthe5gcity-lucca.devpost.com/>

Instructions & Technical info il 5GCity Technical Manager:

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**5G PPP**  
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<https://5g-ppp.eu>

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### 5GCity Consortium

