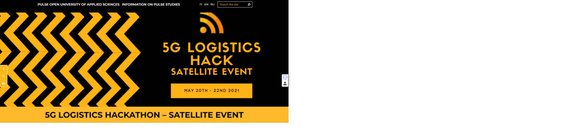


# 5G LOGISTICS HACKATHON – SATELLITE EVENT

Finland wide 5G Future Logistics Hackathon with simultaneous online satellite events at universities across Finland

## INTRODUCTION

Xamk will coordinate the Pori nationwide 5G Future Logistics Satellite Hackathon from 20th to 22nd May 2021. Satellite hackathons will take place at the same time at universities across Finland. Participants can choose which university, Oulu in Oulaskylä Station, XAMK Pori Harmaa, and Helsinki East Aerodrome, at Kytösä airport.

Interested teams will come to Oldes-Kristiinankaupunki (Pietarsaari) and participate at the same time as other teams around Finland. Participating locations can work either in person or online, depending on the COVID-19 restrictions of the area.

## OUR PARTNERS

**Pulse Innovation** is an SME that specializes in IoT technology, data & innovation applications on a global scale (using this technology, we can also monitor the logistics chain).

**Elisa Oyj** is a Finland-based telecommunications company.

**Elisa Oyj** is the most powerful telecom in Finland and 5G infrastructure is an important focus area Elisa. (IT Oy, Wikipedia, 2020, 1.6.)

**UNIVERSITY PARTNERS AT HACKATHON:**

Oulaskylä XAMK – https://www.xamk.fi/en/oulaskylaspace/ – https://www.xamk.fi/en/oulaskylaspace-aerodrome/

Kyrkslätt XAMK – https://www.xamk.fi/en/

Helsinki XAMK – https://www.xamk.fi/en/

**Xamk** provides Pori-study materials for Hackathon on 5G technology (remote requirements).
https://www.xamk.fi/en/Research/Projects/5G-Logistics/

EUROPEAN UNION
EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

Regional Council Satakunta

REGIONAL COUNCIL OF SATAKUNTA
LANDSKAPET SATAKUNTA

## MORE INFORMATION

Please contact:
Project Manager Ville Haapaniemi
ville.haapaniemi@xamk.fi
+358 40 541 0 541

Project Manager Ari Ojanperä
ari.ojanpera@xamk.fi
+358 40 5410 541

## LEARN THE BASICS OF 5G

Xamk provides Pori-study materials for Hackathon on 5G technology (remote requirements).

TO XAMK PULSE

## CASES

EDIT

### PORT OF HAMINAKOTKA: CONCEPTS OF TRAFFIC SAFETY IN THE HARBOR AREA USING 5G TECHNOLOGY

Port of Haminakotka is Finland's largest port by cargo volume.

HAMINAKOTKA WEBSITE

### BRT: TERMINAL: CONCEPTS FOR FUTURE TRUCK PARK USING 5G AUTOMATION SERVICES

The Northern Finland BRT (Bothnia Rail Terminal) is a multi-modal logistics hub, located in Kemi, Finland. The terminal is located in the Kemi-Tornio Port area, from Kemi to Ii in Ii km. The challenge is connects the Ring Road, Kemi-Tornio Port, Kemi Airport and Kemi Train. The terminal, Production, Operation and Service area.

MORE INFORMATION ABOUT BRT

### HELSINKI EAST-AERODROME: HOW 5G CAN BE UTILIZED IN AIRPORT BUSINESS

Helsinki East-Aerodrome is a public airport in Kytösä, Kirkkonummi. There are only a few kilometers of woodlands in the Kytösä corridor to whether cover from Espoo.

HELSINKI EAST-AERODROME WEBSITE

## PRELIMINARY SCHEDULE OF THE EVENT

EDIT

### Thursday 20.5

| Time | Event | Channel |
|---|---|---|
| 13.30 | Introduction to 5G logistics hackathon | General |
| 14.00 | Project Work until | Tap |
| 14.30 | Challenges<br>Group get their challenges | Group-channel |
| 15.30 | Jointly outlook with local facilitator | Group-channel |
| 16.00 | Get to work | Group-channel |
| 16.30 | How to pitch you idea? | General |
| 17.00 | Co-working/Meeting | Group-channel |
| 18.00 | Pitch deck with facilitator | Group-channel |
| 19.00 | Group check-up with facilitator | Group-channel |
| 20.00 | Co-working/Meeting available | Group-channel |
| 21.00 | LUNCH | |
| 22.00 | How to pitch you idea? | General |
| 23.00 | Co-working/Meeting | Group-channel |
| 24.00 | Pitch deck with facilitator | Group-channel |
| 01.00 | Ambassador, Elli's app | Group-channel |
| 02.00 | Co-Working | Group-channel |
| 03.00 | SLEEP | |
| 04.00 | Group check-up with facilitator | Group-channel |
| 05.00 | Co-working | Group-channel |
| 06.00 | Wrap up of the day | General |

### Friday 21.5

| Time | Event | Channel |
|---|---|---|
| 07.00 | Morning news with Ville Ala-Sa | Tap |
| 07.30 | Virtual breakfast | Jitsi/Meet.jit.si |
| 08.00 | Day 2 Kickoff | General |
| 09.00 | Group check-up with facilitator | Group-channel |
| 10.00 | Co-Working/Meeting available | Group-channel |
| 11.00 | LUNCH | |
| 12.00 | How to pitch you idea? | General |
| 13.00 | Co-Working/Meeting | Group-channel |
| 14.00 | Pitch deck with facilitator | Group-channel |
| 15.00 | Ambassador, Elli's app | Jitsi/Meet.jit.si |
| 16.00 | Co-Working | Group-channel |
| 17.00 | DINNER | |
| 18.00 | Group check-up with facilitator | Group-channel |
| 19.00 | Co-working | Group-channel |
| 20.00 | Wrap up of the day | General |

### Saturday 22.5

| Time | Event | Channel |
|---|---|---|
| 07.00 | Sharing the final version of pitch presentation | |
| 08.00 | Day 3 Kickoff | General |
| 09.00 | Pitch deck with facilitator | Group-channel |
| 10.00 | Co-working | Group-channel |
| 11.00 | LUNCH | |
| 12.00 | Co-working time: finishing the pitch & presentation form | Group-channel |
| 13.00 | Pitch FINAL DEADLINE - break until 15:00 | |
| 15.00 | Pitching + Feedback | Streaming audio |
| 16.00 | Closing of the event | General |

## FACTS

20 May 2021 – 22 May 2021

### PROJECT PARTNERS

Lead partner: XAMK (RDIC), DIGIPA and SC PALOG projects
Focus areas: Digital economy, Logistics and seafaring

XAMK
1 XAMK/FI

STUDENTS AND STAFF
1 XAMK SENIOR TEAM (FACULTY AND STAFF)

CONTACT
Xamk Satam School of Creativity of Applied Sciences
Pietarsaari, Oldes-Kristiinankaupunki
Kyrkslätt Helsinki
Kytösä airport
Staff Contact information
Headquarter
You can give feedback or accessibility tips to Kari Jokinen@xamk.fi
Report Website Accessibility

CAMPUSES
**OULUNSALO**
Ylä-Kaarlentie 2
FI-90250 Oulu
Finland

**PORI**
Tarkk'ampujankatu 11
FI-28100 Pori
Finland

**HAMINA**
Kotkantie 41
FI-49250 Hamina
Finland

**JYVÄSKYLÄ**
Piippukatu 2-4
FI-40100 Jyväskylä
Finland

**KOUVOLA, VIERUMÄKI**
Prinssinkatu 1
FI-45100 Kouvola, Vierumäki
Finland

**Mailing address**
Xamk
Ville Ala-Sa
Ylä-Kaarlentie 2
FI-90250 Oulu
Finland

**Xamk Satam School of Creativity of Applied Sciences Ltd**
**Business ID: 2124844-4**
**VAT number: FI21248444**

**Domicile (venue jurisdiction)**
Oulu District Court, Finland
Oulunsalo, Ylä-Kaarlentie 2
Oulu, Finland, 90250

Read more about other Creativity campus

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