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WORKSHOP
"OPPORTUNITIES FOR COMPETENCE DEVELOPMENT AND CROSS-BORDER COLLABORATION WITHIN THE VIRTU
CONTINUUM IN 2030"

# RACE4SCALE FUTURE WORKSHOP

**EVENT STARTS**
08.09.2021
00:00

**EVENT ENDS**
13.10.2021
00:00

In this series of workshops we aim to identify opportunities for competence development with new and emerging technologies related to virtual, augmented and mixed reality environments, and cross-border collaboration between the Kymi Valley and the Saint Petersburg region.

Welcome to the Race4Scale's workshop "**Opportunities for competence development and cross-border collaboration within the virtuality continuum in 2030**" in September 2021!

## FOR WHO

Everyone is welcome to participate or to just come and listen! Especially students and entrepreneurs can benefit from the workshops. You don't have to be an expert in the automotive industry to participate! See the **schedule and information about the keynote speakers** below.

## THINK, WHAT IF

- The future of education and competence development is virtual and augmented
- There is no separation between education and work
- There is no need for expensive education facilities or equipment
- Learning to work with new equipment and machines is available to everyone, everywhere
- Virtual collaboration feels as real as working in the physical reality
- Learning a new craft is easier in the virtual world

## IN THE WORKSHOPS

- You get to hear inspiring keynote speeches.
- You take part in the group work activities.
- You can learn about and envision possibilities for competence development with virtual, augmented and mixed reality.
- You can network with experts and student from Finland and Russia.
- You help identify ways to develop competences needed in the automotive ecosystem in 2030.

## FOR XAMK STUDENTS

Want to learn about and envision possibilities for competence development with virtual, augmented and mixed reality? Want to network with experts and students from Finland and Russia? Want to earn **5 ECTS points**? We are seeking **active facilitators** to coordinate, instruct, encourage, and document groupwork activities related to workshops. Students can be from **any field and study year**, so don't hesitate to apply!

## TIMELINE

Schedules for the workshop days will be added later. All times are Finnish time.

### FOR ALL PARTICIPANTS:

| | |
|---|---|
| 15.9.2021<br>9:30 – 11:30<br>Group kick-off | Meet with your group to introduce each other, discuss the topic of the groupwork and perform a short preliminary task. |
| 29.9.2021<br>9:30 – 14:30<br>Workshop I | Actively participate in the workshop and groupwork.<br>9:30 Introduction to the day and keynote presentations:<br>Panu Johansson (read more below)<br>Osku Torro, Doctoral Researcher at Tampere University (read more below) The Future is 3D: How XR technology is revolutionizing the automotive and motorsport ecosystems<br>(11:00 Groupwork Part 1: Gaining perspective)<br>(12:00 Break)<br>(12:30  Groupwork Part 1: Gaining perspective)<br>(13:00 Groupwork Part 2: Foresight Lense)<br>14:15 – 14:30 Conclusion<br>*Groupwork is only for participants who registered as members of the groupworking teams.* |
| In between | Together, with your group make additions to the work done during the workshop and perform a short given task between the workshops. |
| 13.10.2021<br>9:30 – 14:30<br>Workshop II | Actively participate in the workshop and groupwork.<br>9:30 Introduction to the day<br>(9:45 Groupwork Part 3: Digging up the diamonds)<br>(12:00 Break)<br>12:30 Futures Fair: Group presentations and discussion<br>14:15 – 14:30 Conclusion<br>*Groupwork is only for participants who registered as members of the groupworking teams.* |
| Review | Review the report regarding your group's work prepared by the facilitator of the group. |

### FOR XAMK STUDENTS ACTING AS FACILITATORS:

| | |
|---|---|
| 8.9.2021<br>9:30 – 11:30<br>Facilitator's kick-off | Meet with the other named Xamk students regarding your roles and the work involved, and also learn the work methods and tools. |
| 15.9.2021<br>9:30 – 11:30<br>Group kick-off | Meet with your group to introduce each other, discuss the topic of the groupwork and perform a short preliminary task. Ensure the group members perform the preliminary task. |
| 22.9.2021<br>13:00 – 15:00<br>Optional support session | Optional support session for facilitators. |
| 29.9.2021<br>9:30 – 14:30<br>Workshop I | Coordinate, instruct, encourage and document the group activities during the workshop. Ask for assistance when needed.<br>9:30 Introduction to the day<br>9:45 Futures thinking<br>10:00 Keynote presentation<br>11:00 Groupwork Part 1: Gaining perspective<br>12:00 Break<br>12:30  Groupwork Part 1: Gaining perspective<br>13:00 Groupwork Part 2: Foresight Lense<br>14:15 – 14:30 Conclusion |

| | |
|---|---|
| In between | Together, the group makes the needed additions to the work done during Workshop I. Ensure the group members perform a given task between the workshops. |
| 6.10.2021<br>13:00 – 15:00<br>Optional support session | Optional support session for facilitators. |
| 13.10.2021<br>9:30 – 14:30<br>Workshop II | Coordinate, instruct, encourage and document the group activities during the workshop. Ask for assistance when needed.<br>9:30 Introduction to the day<br>9:45 Groupwork Part 3: Digging up the diamonds<br>12:00 Break<br>12:30 Futures Fair: Group presentations and discussion<br>14:15 – 14:30 Conclusion |
| Reporting | Ensure the work and outputs of the group are documented in their entirety. Write a report on the outputs and ask the group for review, comments and additions. **Deliver the ready report by 22.10.2021.** |

## TERO VILLMAN, FUTURES WORKSHOP MANAGER

### PROJECT RESEARCHER
### FINLAND FUTURES RESEARCH CENTER
### TURKU SCHOOL OF ECONOMICS
### UNIVERSITY OF TURKU

Tero Villman works as a futures researcher at the **Finland Futures Research Center in the University of Turku** and as an RDI specialist at the **South-Eastern Finland University of Applied Sciences**. His work includes **foresight and futures research projects**, teaching futures studies, and developing foresight tools and services. The themes of his projects have varied from mobility, industry and manufacturing, scientific research and education to visioning and societal transformation.

Previously, he worked in the IT sector for over a decade leading, facilitating and implementing different kinds of development and change initiatives for various industries. Tero Villman has a **Master of Social Sciences** degree in Futures Studies from the University of Turku and a **Master of Science (Economics)** degree in Information Systems Science from the **University of Jyväskylä**.

## PANU JOHANSSON, KEYNOTE SPEAKER

### INDUSTRIAL DESIGNER, MA
### PONSSE OY

Panu Johansson is an Industrial designer, MA. graduated from **Aalto University**. He leads the **User Experience design (UX)** work in Ponsse, responsible for the strategy and implementation of designs carried out by his team. His work deals with the user interfaces needed to operate the machines, the physical design of the machines as well as the digital services supporting Ponsse´s customers to operate efficiently their machine fleets. His team looks at all aspects of customers' needs and designs the best possible solutions to meet them. Ponsse has been awarded **Red Dot design award** for their newest harvester model, Scorpion, this year.

Before his Ponsse career Panu worked in telecommunications industries. First for **Nokia** and later for **Huawei**. In both companies his work included both own product designs as well as User Experience design. Projects include e.g. one of the first smart phones in the world (The Communicator) and its User Interface as well as tablets and a variety of other mobile phones. During his +20 years career he has been granted over 30 patents.

## OSKU TORRO, KEYNOTE SPEAKER

### DOCTORAL RESEARCHER
### TAMPERE UNIVERSITY
### FACULTY OF MANAGEMENT AND BUSINESS
### UNIT OF INFORMATION AND KNOWLEDGE MANAGEMENT

Osku Torro is finalizing a PhD in information and knowledge management at **Tampere University of Technology**. The focus on his studies is on the benefits of VR in remote collaboration. During his time as a researcher, he´s also worked closely with Finnish industry, especially with the **Architecture, Engineering and Construction (AEC)** sector and **extended reality (XR)** SMEs. Currently he works with the development of **XR Campus**, a multi-user collaboration platform for **ECIU Universities** in Europe. He has also consulted various organizations (e.g., **Mika Häkkinen's iNZDR, Patria, the Finnish Olympic committee**) on the potential of VR.

## MORE INFORMATION

Tero Villman
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About Race4Scale in English

About Race4Scale in Finnish

About Race4Scale in Russian

Download the event flyer (846 kB, pdf)

## XAMK

» XAMK.FI

## STUDENTS AND STAFF

» LUX INTRANET FOR STUDENTS AND STAFF

## CONTACT

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Finland

Staff Contact Information

Accessibility

You can give feedback on accessibility by e-mail:
viestinta@xamk.fi

Data Protection Announcement

## CAMPUSES

**KOTKA**
Pääskysentie 1
FI-48220 Kotka
Finland

New Kotka Campus
(from September
2024)
Salakuljettajantie 4
FI-48100 Kotka
Finland

**KOUVOLA**
Paraatikenttä 7
FI-45100 Kouvola
Finland

**MIKKELI**
Patteristonkatu 3 D
FI-50100 Mikkeli
Finland

**SAVONLINNA**
Savonniemenkatu 6
FI-57100 Savonlinna
Finland

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Kaakkois-Suomen
ammattikorkeakoulu

Tunne huominen – All for the future.