

5G-HEART Newsletter

3rd June 2022
Issue No.7

5G HEART

5G Health, Aquaculture and Transport
Validation Trials

Project website: <https://5gheart.org/>

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1. 5G-HEART at the 2022 EuCNC & 6G Summit

The 2022 edition of the European Conference on Networks and Communications (EuCNC) & 6G Summit [1] will take place on **7-10 June 2022** in Grenoble, France. The event will be held at the Congress Centre of World Trade Center (WTC) in the heart of Grenoble, and focus around the Atrium and Auditorium spaces hosting the different sessions, exhibitions and breaks at the venue.

5G-HEART is contributing to this year's event in multiple ways. The project team is giving paper and poster presentations in various conference sessions highlighting the scientific and technical results of the project. In addition, 5G-HEART is participating to the exhibition with a dedicated stand.

Even though the 2022 EuCNC & 6G Summit is still a hybrid conference, both the event organisers and 5G-HEART project team hope to see as many of you face-to-face at the event as possible and, after a two year break, interact with you again in person.

Come visit the 5G-HEART project team at Stand 14 during the event to see and hear more on the project's healthcare, transport and aquaculture vertical trials and demonstrations.

2. Coming events

As the project has entered its final phase during 2022, a series of events have been planned to disseminate the results of the project. In addition to the 2022 EuCNC & 6G Summit [1], other public events targeted by the project are introduced below. More information on all events will be made available at the [events page](#) of the project website.

5G-HEART final event

The public final event of the 5G-HEART project will take place on **17 November 2022** in Oulu, Finland. In the event, all 5G-HEART vertical trials will be presented as live demonstrations, demonstration videos or poster presentations. In addition to the demonstrations and posters, a workshop discussing the topics researched in 5G-HEART, including also invited speeches from international speakers outside the project, will be arranged.

The more detailed agenda for the event and listing of the demonstrations will be made available during autumn as the preparation of the final event progresses. Follow the [events page](#) of the project website as well as the 5G-HEART social media channels for more information during the coming months.

Industry workshops

Several industry workshops will be organised by the 5G-HEART project in conjunction with different IEEE events. The workshops confirmed so far are shortly introduced below.

The eighth Workshop and Industry Panel on “Cooperative and Automated Driving” at IEEE IV 2022

The eighth Workshop and Industry Panel on “Cooperative and Automated Driving” will be held, in conjunction with the 33rd IEEE Intelligent Vehicles Symposium (IV 2022) [2] on **5-9 June 2022** in Aachen, Germany. IEEE IV is one of the major annual conferences of the IEEE Intelligent Transportation Systems Society (ITSS).

It is possible to follow the workshop remotely via Zoom:

- Workshop date: Sunday 5 June 2022
- Workshop time: 09:30-17:00 CEST
- Participation link: <https://vtt-fi.zoom.us/j/63815561845>

More information and the workshop agenda can be found at the [project website](#).

The ninth Workshop and Industry Panel on “Cooperative and Automated Driving” at IEEE ITSC 2022

The ninth Workshop and Industry Panel on “Cooperative and Automated Driving” will be held, in conjunction with the 25th IEEE International Conference on Intelligent Transportation (ITSC 2022) [3] on **8-12 October 2022** in Macau, P. R. China. IEEE ITSC is one of the major annual conferences of the IEEE ITSS.

More information can be found at the [project website](#).

The workshop on “5G Trials Across Multiple Vertical Industries - From Experiments to Business Validation” at IEEE Future Networks World Forum 2022

5G-HEART is organising a workshop titled “5G Trials Across Multiple Vertical Industries - From Experiments to Business Validation” in conjunction with the IEEE Future Networks World Forum 2022 [4] to be held on **12-14 October 2022** in Montreal, Canada.

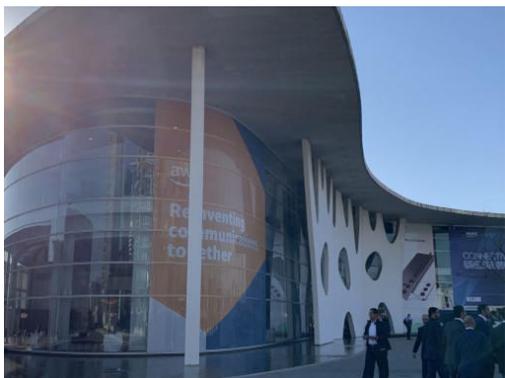
More information can be found at the [project website](#).

3. Past events

Other events have also been organised already during the first half of 2022, where 5G-HEART has been present as part of its dissemination activities. After the series of workshops and webinars organised during 2021, the focus in this year's events has been not only to present recent results from the project, but also to introduce the plans towards the final vertical trials.

Mobile World Congress 2022

5G-HEART participated in the Mobile World Congress 2022 [5], held during **27 February - 2 March 2022** in Barcelona, Spain. In the event, 5G-HEART had a joint stand with two other ICT-19 projects [5G-TOURS](#) and [5G-SOLUTIONS](#). More information can be found at the [project website](#).



5G Conference Southeastern Europe

5G-HEART partner ACTA sponsored and actively participated in the 5G Conference Southeastern Europe [6], held on **18 May 2022** in Athens, Greece. In the event, ACTA had a booth, where tools and techniques for 5G Network Key Performance Indicators (KPIs) monitoring were demonstrated, with emphasis on their application to the vertical trials, e.g., in the 5G-HEART project. More information can be found at the [project website](#).



4. Summary

This issue of the 5G-HEART Newsletter focused on the 2022 public events where the project has been and will be presenting and disseminating its latest results and plans for its final healthcare, transport and aquaculture vertical trials and demonstrations. In addition to the events, the 5G-HEART project is actively disseminating its most recent outputs in the form of scientific publications, invited speeches, project deliverables and videos throughout the year. The most up-to-date information on all of these activities can be found at any given time at the [dissemination page](#) of the project website.

References

1. EuCNC. (2022). The 2022 EuCNC & 6G Summit. <https://www.eucnc.eu/>
2. IEEE. (2022). The 33rd IEEE Intelligent Vehicles Symposium. <https://iv2022.com/>
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6. Verticom. (2022). 5G Conference Southeastern Europe. <https://www.5gconference.gr/index.php/en/homeen.html>