

Editorial

Dear reader,

After 30 months of productive work, the ORPHEUS project is coming to an end. In this 5th and final edition of our newsletter, we present for the last time a plethora of highlights.

In the first article we provide a short summary of our project results. In the second article, one of these results, the ORPHEUS iOS app, is described in more detail.

In addition to finalising the technical work, the ORPHEUS consortium has been busy presenting its results at a number of events, which included the NAB Show in Las Vegas, the BBC's Sounds Amazing conference in London, the High End trade fair in Munich, and the 2nd ORPHEUS workshop, also in Munich. Read more about these events in the articles below.

We hope you find the information in our newsletter interesting and valuable, and we look forward to any questions or comments you may have. Let's stay in touch beyond the ORPHEUS project and keep on promoting the development of object-based audio.

Kind regards,

The ORPHEUS project team

Project Highlights



[Summary of major ORPHEUS project results](#)

Presenting ORPHEUS results at the Munich workshop: Dr. Andreas Silzle, coordinator of ORPHEUS (photo: Johann Dafelmaier/IRT). The ORPHEUS project has created a full set of tools and applications for all

stages of the complete broadcast workflow. Our goals were: To provide the end-users with a future-proof radio service which exceeds their expectations. To support the industry to master the technical ...

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[The ORPHEUS Radio app](#)

The ORPHEUS Radio app (photo: elephantcandy). The primary objective of ORPHEUS is to create a full object-based workflow, from the initial recording of the program to its reception by the listener. The ORPHEUS Radio iOS app was developed by elephantcandy to bring the benefits and innovations of object-

based broadcasting to a larger audience and investigate the use of this new ...

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Event Reports



[ORPHEUS results presented at 2018 NAB Show](#)

ORPHEUS partner b<>com at NAB Show, 7 - 12 April 2018 (photo: b<>com). With around 100,000 attendees every year, NAB Show in Las Vegas is the world's largest show focusing on media technology.

Already present in 2016 and 2017, b<>com had again a stand in the 2018 NAB Show Futures Park area where they showcased some of the production tools ...

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[ORPHEUS at the BBC's Sounds Amazing conference](#)

ORPHEUS at the BBC's Sounds Amazing conference (photo: BBC). Following the success of "Sound:

Now and Next" in 2015, the BBC brought hundreds of audio producers and technologists back to Broadcasting House in London for a full day conference called "Sounds Amazing" on 2nd May

2018. The event included talks from the producers of inspiring works such as Blue Planet ...

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[Trinnov and Fraunhofer IIS introduce MPEG-H to the audiophile community at HIGH END Munich](#)



At the HIGH END audio trade show in Munich, Germany (May 10th – 13th, 2018), visitors were able to

experience the first Trinnov Audio device that supports the interactive and immersive audio format MPEG-H 3D Audio, introducing the advantages of object-based audio with productions from the ORPHEUS pilots to the audiophile community. In addition, Benjamin Duval from Trinnov and Werner ...

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[Start OBA now! - Full House at the 2nd ORPHEUS Workshop at IRT](#)

15th May 2018 was the day, everybody in the ORPHEUS team had been working for: The 2nd, and final ORPHEUS Workshop at partner

IRT in Munich. We had announced and started to send around "Save-the-date" notes as early as six months before. And indeed, when we opened registration in March, the participants list got immediately filled with names of broadcast and ...

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About ORPHEUS

ORPHEUS is a European research project under Horizon 2020 dedicated to improving the management of audio content. It will develop, implement and validate a new end-to-end object-based media chain for audio content.

Orpheus started on 1st December 2015 and has a duration of 30 months. It receives funding from the European Commission under the Horizon 2020 programme.

The consortium consists of 10 partners from 4 countries: Fraunhofer IIS (DE - coordinator), Eurescom (DE), BBC R&D (UK), IRT (DE), Elephantcandy (NL), Trinnov Audio (FR), b<>com (FR), IRCAM (FR), BR (DE), Magix (DE).

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