



R3-MYDAS

Newsletter 1

Article 4

Empowering Automotive Evolution: Data Intelligence in the Electric Era



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Empowering Automotive Evolution: Data Intelligence in the Electric Era

We would like to share a special session at our upcoming event AIOTI Days 2024 where you can gather more knowledge into the groundbreaking R3-MYDAS project. Whether you're a seasoned professional in Automotive or simply curious about the latest advancements in technology, this special session promises to be both informative and inspiring.

Step into the forefront of automotive innovation at [AIOTI Days 2024](#), where we delve deep into the pivotal role of data-driven solutions, with a special focus on electrification and electric vehicle (EV) batteries.

As Europe's automotive sector secures 13.3 million jobs and contributes to 20% of global vehicle production annually, the imperative for innovation has never been more pronounced. With the electrification of vehicles, particularly Battery Electric Vehicles, gaining momentum, engineers are poised to explore the transformative potential of data intelligence in driving this evolution.

Our session zooms in on the electrification revolution, with a keen focus on *electric vehicle batteries—the lifeblood of electric mobility*. Delve into how data-driven methodologies are powering advancements in battery technology, from *enhancing performance and longevity* to optimizing *charging infrastructure* and grid integration. Explore how *predictive diagnostics and analytics* are reshaping battery management systems, ensuring *reliability and safety* while *extending battery life*.

In the electric era, the stakes are higher than ever. By harnessing the power of *data intelligence*, we not only propel the automotive industry forward but also accelerate the *transition towards sustainable transportation*. Electric vehicle batteries hold the key to unlocking *cleaner, greener mobility solutions*, and our collective efforts in *harnessing data intelligence* are instrumental in realizing this vision.

Join us at AIOTI Days 2024 to be part of the dialogue driving automotive innovation in the electric age. Whether you're an engineer specializing in battery technology or an innovation manager shaping the future of mobility, *your insights and expertise are invaluable in shaping the trajectory of electric vehicles and data intelligence*.

Are you an industry leader, researcher, or innovator with insights to share on automotive electrification and data intelligence? We invite you to contribute your expertise to our session at AIOTI Days 2024. To join us as a speaker, please submit your speaker bio, the title of your talk, and a short abstract outlining the key points you will cover by the end of April 2024 (30/04/2024) to bernhard.peischl@avl.com. Your contributions will enrich the discourse and provide invaluable perspectives to our audience of engineers, innovation managers, and industry professionals. Don't miss this opportunity to showcase your expertise and contribute to shaping the future of automotive innovation. We look forward to hearing from you!