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Integrated Vehicle Health Management
Perspectives on an Emerging Field

Edited by Ian K. Jennions

SAE International
Warrendale, Pennsylvania
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Acknowledgments

Converging knowledge from multiple areas of expertise into a coherent body of work is no trivial task. It takes time, effort, and a great deal of work for consensus to be achieved, agreement on best practices to be arrived at, and a common “language” to be agreed upon.

The title “Integrated Vehicle Health Management: Perspectives on an Emerging Field,” published by SAE International, is unique and groundbreaking, as it brings together the views of no less than sixteen authors. Experts in their fields and geographically dispersed, they intensely collaborated so this project could be made available in record time.

The group, under the leadership of Ian K. Jennions, Director of the IVHM Centre of Cranfield University (UK), withstood the challenges of brutal deadlines. The vision for this endeavor was never lost; the book should be born because the markets had shown a need for it.

The teamwork established among the contributors demonstrated in practice how vital it is to get the right mix in place: competence, respect for each other’s work, and the will to do it again and again.

“Integrated Vehicle Health Management: Perspectives on an Emerging Field” is intended for those who are interested in technical and business perspectives, explained in practical terms. Conceptual in nature, the title addresses the basics of this new area as well as some more advanced aspects of it.

The authors share not only their research but also their real-life experiences on specific topics in chapters written with the non-technical reader in mind. Their views sometimes differ, as it would be expected when dealing with almost unchartered territory. Yet, their conclusion is the same: Integrated Vehicle Health Management is an invaluable new paradigm when applied appropriately. Here are the authors. A list of their pictures and biographies can be found in the end of the book.

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Our goal is to continue to expand SAE’s contribution to the field of Integrated Vehicle Health Management, as we believe its value will become even more evident over time.

We hope the readers will find this title a good way to get acquainted with IVHM and support its implementation wherever it can be technically helpful and economically viable.

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