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Forschungsvereinigung Verbrennungskraftmaschinen e.V.
FVV | Research Association for Combustion Engines

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The People Behind the Technology

The new book “PRIMEMOVERS – Current areas of research into engines and turbines” allows an insight into the work of engineers, who conduct research on clean engines and turbomachinery, in a way that makes science accessible also to the non-expert. The FVV | Research Association for Combustion Engines publishes this book, written by the renowned technology journalists Laurin Paschek and Johannes Winterhagen, on the occasion of its 60th anniversary.

Frankfurt/Main. // Will it be possible to design internal combustion engines that consume less fuel and emit zero emissions? What role will gas turbines play in the long-term structural change in energy systems? And what are engineers doing today to make it all happen? PRIMEMOVERS will answer such questions by adopting an unusual perspective: The authors do not describe model research projects and technological trends, they present portraits of the people behind the technology. People who are passionately pursuing their ideas for greater efficiency and fewer emissions.

In 24 portraits top managers from the industry and independent experts show the broad range of challenges on the way to clean engines and turbomachinery. Experienced university teachers come just to speak as a young scientific assistant. The perspective on the prime movers behind advanced combustion engine technologies is not purely objective, it also describes the individual personality of the engineer, his/her motivation and private interests. The text is accompanied by superb images taken by the renowned photographer Rui Camilo.

The portraits are embedded into two in-detail interviews on future scenarios for the evolution of the combustion engine, such as individual mobility needs or the application of innovative materials and fuels, and popular science articles to give an overview on current areas of research into internal combustion engines and turbomachinery.

PRIMEMOVERS has been published to mark the 60th anniversary of the FVV, which has initiated more than 1,000 research projects since it was founded. The book can be ordered at the price of 39,90 Euros from VDMA-Verlag GmbH. It is available in two languages: English and German.

Bibliographic details:

PRIMEMOVERS: Current areas of research into engines and turbines.

Authors: Johannes Winterhagen and Dr. Laurin Paschek.

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Images



1 | Cover of the FVV Jubilee Book »PRIMEMOVERS«
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About FVV

FVV | The Research Association for Combustion Engines is a globally unique network of companies, research & technology performers (RTD) and funding bodies. Manufacturers of automotive engines, industrial engines and turbomachinery as well as their suppliers and service providers work together with universities and other research establishments on cutting-edge technologies. The aim is to make engines and turbines cleaner, more efficient and sustainable – for the benefit of society, industry and the environment.

Combustion engines facilitate individual mobility, transportation, energy supply and industrial added value. The innovative power of the industry and its economic success make a significant contribution to social prosperity. As a non-profit organisation, the FVV supports the development of its members - small, medium and large companies - and the promotion of young scientists through pre-competitive industrial collective research.



The FVV is a member of the German Federation of Industrial Research Associations (Arbeitsgemeinschaft industrieller Forschungsvereinigungen - AiF), the leading national organisation for applied research and development for SMEs. It has invested more than 420 million euros in 1,200 research projects since it was founded in 1956.

More information at www.fvv-net.de