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Plastics in Automotive Engineering

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Foreword

Engineering plastics, fiber-reinforced composites and multifunctional plastic composites provide ongoing support to the modern automotive industry today.

In many cases multi-functional tools and automated processes make particularly economic system solutions possible. Additive manufacturing in combination with plastics already has a great potential today for producing individual, tailor-made component concepts, above all for small production runs.

Lightweight construction, an attractive look and feel for the interior, and active and passive safety stand right at the forefront of new automotive developments today.
Innovations in plastics technology have a direct influence on tomorrow's vehicle concepts. Mixed construction with plastic composites, natural fiber applications, overmolded and in-mold film laminated parts, LED- and OLED-based lighting technologies, and also optically and haptically optimized display and operating concepts make tailored system solutions possible in both passenger cars and commercial vehicles and thus secure in the long term the international competitiveness of the plastics and automotive industries.

The Association of German Engineers invites you to Mannheim on the 29th and 30th March 2017 for the annual international plastics conference 'Plastics in Automotive Engineering 2017'. Overview presentations on resource efficiency from research and the market, technical reports on innovations in plastics from the car and commercial vehicle sectors, as well as practical reports from plastics processing provide detailed information on the current state of the art in plastics technology in automotive engineering. An exhibition involving plastics producers and machinery manufacturers as well as an affiliated motor show with the latest cars and commercial vehicles provide a focus for an exchange of specialist information at the object itself.

May we cordially welcome you to Mannheim!

Prof. Dr. Rudolf C. Stauber

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