PRESS RELEASE

Warden Schijve joins the AZL product and application development team

Aachen/Germany, November 2nd, 2020

Warden Schijve, former Chief Scientist Composites at SABIC, recently joined the AZL engineering team in October. As Design Leader, he is further expanding the product and application development division of the service provider for business development and technology development in lightweight.

AZL Aachen GmbH supports companies along the entire value chain in implementing competitive lightweight technologies. "We develop component and production concepts for companies, including the analysis of costs and production-relevant KPIs. With our broad range of material and production

technologies, we provide a comprehensive solution for the development and evaluation of products and identify the most suitable paths to implementation. Warden Schijve will use his many years of experience to support our partners in the efficient development, evaluation and implementation right up to market readiness," says Dr. Kai Fischer, Managing Partner of AZL Aachen GmbH.

From his 35 years in the composites industry with Fokker, DSM and SABIC, Warden Schijve brings a broad and deep expertise in structural design, plastics and composites, as well as processing technology.

Warden Schijve: “In my career I’ve always seen that it pays off to evaluate various different design concepts, which may use different materials or material combinations, to finally come to the most cost-competitive lightweight applications. Taking into account different manufacturing technologies right from the beginning can save a lot in later stages of component development. And this is what fascinates me about AZL and its eco-system: the available knowledge on a wide variation of process and production technologies, including cutting edge equipment, at both the AZL Tech Center, and the various institutes present in the total RWTH Aachen Campus.”

Dr. Michael Emonts, Managing Partner of AZL Aachen GmbH: "We are delighted that Warden Schijve, as a well-known face from the AZL community, will enrich us in developing lightweight applications, production systems and processes, identifying competitive technology optimizations through the analysis of markets and applications, and supporting our customers in the industrial implementation of the developed technologies."

Warden Schijve will also lead the project for a concept study for future battery casings based on composite-based multi-material systems. The AZL started the project in October together with 30 participating companies from the entire value chain to get an overview of existing component solutions, evaluate the advantages of a multi-material approach and develop a multi-material component design including a production concept for battery casings. More information is available at: https://azl-aachen-gmbh.de/multimaterial-battery-casing

Warden together with other design experts will share insights and experiences on composite design tools and methods in another Lightweight TechTalk by AZL on “Best Practises in Lightweight Design” on January 28, 2021. Registration is free of charge at: https://azl-aachen-gmbh.de/termine/best-practises-in-lightweight-design/.

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Pictures

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Picture 4: Dr. Michael Emonts, Warden Schijve, Philipp Fröhlig and Dr. Kai Fischer (from left to right) at the AZL Tech Center. Copyright: AZL.

About AZL Aachen GmbH

AZL Aachen GmbH specializes in composite-based lightweight production and offers cross-industry services for business development and technology development. The engineering and service portfolio includes the identification of business opportunities and market potential for lightweight construction technologies, the development of components, production processes and production systems including cost assessments and support for commercialization by identifying partners, suppliers and customers.

Based in the heart of one of the world's leading high-tech ecosystems, RWTH Aachen University, the AZL works closely with technology experts and ultra-modern infrastructure for the entire value chain of thermoplastic, thermoset and hybrid material systems.

With the AZL Partnership, the AZL offers a framework contract to connect decision-makers from academia and industry and to offer a platform for initiating sustainable partnerships in projects to exchange knowledge and efficiently drive innovation through shared effort.

www.azl-lightweight-production.com

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