AMC NU

ADVANCED MANUFACTURING PROGRAM (AMP)

Powered by: **Regio Deal Twente**

Together with regional government and partners, the Fraunhofer Innovation Platform for Advanced Manufacturing (FIP-AM) has developed the Advanced Manufacturing Program (AMP) to establish a transitional framework towards Manufacturing 4.0 and empowering manufacturing industries in the Eastern part of the Netherlands.

The Advanced Manufacturing Program (AMP) provides subsidies through the RegioDeal supported by the Province of Overijssel and the Dutch state. It aims to encourage rapid development of Twente and other regions in the East Netherlands by forming an Advanced Manufacturing hub with an outward looking European image. With this the AMP greatly enhances the region's reputation and business climate.

Within the AMP, the Fraunhofer Innovation Platform for Advanced Manufacturing at the University of Twente develops innovation projects around manufacturing technology themes. Every AMP project is built around solid industrial collaboration, empowering companies with relevant knowledge and new technological and industrial methodologies, Through the hub, these can be shared with other high-tech manufacturing industries in the region.

Member companies of the AMP can solve their specific technology problems and answer their market-oriented questions. This is achieved by developing and creating demonstrators that offer participating companies direct technological insight. FIP-AM then utilises workshops and master classes to further disseminate this newly acquired knowledge.

The Advanced Manufacturing Program (AMP) is a funding program that helps us support you in your transformation to Manufacturing 4.0. This is made possible through the Regio Deal supported by the Province of Overijssel and the Dutch State.

Rijksoverheid

provincie Overijssel

regio Twente

Twente

THEME 01_

PROJECT PARTNERS WANTED

For a consortium of metal processing companies

Are you a metal processing company in need of assistance in preventing quality issues due to worn-out tools such as milling cutters and bits? **If so, you can join a consortium of other companies with similar experiences and take part in an AMP-subsidised project.** The objective of the project is to develop a predictive model for when these tools can be replaced in a timely manner.

Any questions or interested in participating? Please contact us.

THEME 02_

WORKSHOP INVITATION

Interested in AGVs or AMRs for the manufacturing industry?

FIP-AM@UT, together with Novel-T, are organising a workshop on the application of **Autonomous Guided Vehicles and Mobile Robots (AGVs and AMRs)** for the manufacturing industry on **Thursday 13 April.** During the workshop, our experts will be on hand to discuss individual requirements. For more information and free registration for the workshop, **have a look at page 39 of this magazine!**

If you are experienced in this matter and willing to share your knowledge, we'd like to hear from you.

THEME 03_

NEW PROJECT LAUNCHES

Around the Advanced Manufacturing Program

We have been busy lately with the **launch of 6 new AMP projects!** MachViz focuses on a real-time augmented/virtual reality (AR/VR) shop floor visualisation. M3Dsoles (pronounced med soles) researches the application of 3D printed podiatric soles. In MIND, a study is underway to optimise the production of industrial drones. Dive2 looks at the efforts manufacturing companies are making towards diversity and inclusion in their workforce. AutoKID is developing an inspection tool incorporating AI for laser welding. Lastly, Volle Bak aims to create a sustainable basis for cities through a smart waste management solution.

More information about our projects? Please contact us.

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