

## Pankl Future Proof Award 2019

Pankl Racing Systems AG is proud to be partner of the FS Austria event at the Red Bull Ring in Spielberg. We are one of the world's leading suppliers of systems to the motor racing industry and are well integrated in racing classes like Formula One, MotoGP and many more.

In order to help our customers to win, we are always striving to offer better and more efficient components. Particularly in motorsport, Additive Manufacturing opens up completely new possibilities in terms of design, weight and size. In recent years, Pankl has invested heavily in this promising area and has secured big strategic partnerships to take Additive Manufacturing as a whole to the next level.

This year, we award the Pankl Future Proof Award 2019 to the best team that presents to us, how Additive Manufacturing (AM) could potentially optimize their components (Powertrain, Drivetrain, Chassis, Suspensions etc.) under the laws of science. The contest will be based on a short report with a maximum of 4 pages.

Crucial for the success of additive manufactured motorsport components is an out-of-the-box-mindset and the ability to design parts in new and innovative ways. Participants should apply the features that make this technology unique: topology optimization, bionic structures, lattice structures, form free channels in the product, monolithic design and personalization. Furthermore, participants should compare their work with the conventional manufacturing component. Teams should propose how Laser Beam Melting (LBM) could be implemented in their components in terms of material and build space of common 3D printers.

Pankl will select the most promising reports based on the final design and the level of innovation before the FSA event. The best teams will get the opportunity to discuss and pitch their ideas and concepts to Pankl Additive Manufacturing experts. The final ranking will be based on the outcome of this discussion.

## Award

The winning team will be able to develop and 3d-print one of their car parts together with Pankl experts.

## How to apply

Upload your report via the [fsaustria.at](https://fsaustria.at) team account until 20 July 2019.