ANSYS

Webinar

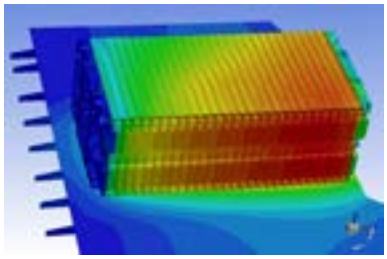
Volkswagen Motorsport presents for ANSYS:

"Battery Simulation - An Essential Technology for the ID. R at Nürburgring and the Record at Pikes Peak"

Date: April 11, 2019
Time: 09:00 AM (EDT)
Time: 03:00 PM (CET)

Electromobility – the current challenge for the automotive industry!
To demonstrate technological leadership, Volkswagen Motorsport developed the electrical ID R. racing car in 2018 and broke the overall record at the Pikes Peak International Hill Climb. The next challenge of the VW ID R. will be in 2 months, when they try to reach a new e-record at the German race track Nürburgring.

From an engineer's point of view, the thermal management of the batteries is crucial for their performance, safety and costs. It must be examined at both component and system level. The challenges here are:



- Highly dynamic electrical loads from the driving profile of the line
- Optimization of battery performance with minimum cooling mass flow
- Development of the racing car within a few months

Learn in this webinar how Volkswagen Motorsport used ANSYS simulation to tackle this challenge.

Speaker:
Dr. Benjamin Ahrenholz
Head of Calculation/Simulation
Volkswagen Motorsport

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