Electric Machine Innovation Conference
Wednesday, March 13
Porsche Experience Center - Hockenheimring

08:30	**Registration & Coffee**
09:00	**Welcome** / Melanie Michon, Director Application Engineering, Ansys
09:10	**Evaluation of a Carbon Fiber Wrapped Rotor for Electric Machines from Electromagnetic, Thermal, and Mechanical Perspectives** / Viktor Root, Simulation Engineer Advanced Development, ZF Friedrichshafen
09:40	**Cloud-based solution for collaborative concept design of electric powertrains: ConceptEV** / James Goss, Principal Product Manager, Ansys
10:10	**NVH-oriented EM design optimization based on requirements at all operating points** / Pierre Milithaler, Development engineer / Expert e-motor simulation methods, Schaeffler
10:40	**Break**
11:00	**Thermal modelling of rotor impinged oil jets on high speed electric machines** Calin Popescu, E-motor Thermal Design Specialist, Renault / Jack Beane, Application Engineer, Ansys
11:30	**Performance Assessment of Electric Motors Electrical Machine Development Platform** / Daniel Bachinski, Lead Application Engineer, Ansys
12:00	**Electrical Machine Development Platform** / Melanie Michon, Director Application Engineering, Ansys
12:30	**Lunch**
13:30	**Electrical Machine Development Platform** / Dragos Postariu, Head of Power Electronics, Stark Future
14:00	**Using Pymotorcad to enable limitless motor geometries** / Jack Beane, Application Engineer, Ansys
14:30	**Design optimization of a synchronous reluctance electric motor by deep-learning technique** / Nicolas Riviere, Senior Application Engineer, Ansys
15:00	**Break / Start Porsche Driving Experience (2 hours)**
15:30	**Ask the Expert 1: Adaptive Templates** / Jonathan Godbehere, Manager Application Engineering Ansys / Nicolas Riviere, Senior Application Engineer, Ansys
16:00	**Ask the Expert 2: ConceptEV** / James Goss, Principal Product Manager, Ansys
16:30	**Ask the Expert 3: Motor NVH** / James Packer, Lead Application Engineer, Ansys Giulia Urgera, Application Engineer, Ansys
17:00	**Ask the Expert 4: Motor losses + thermal** / Daniel Bachinski, Lead Application Engineer, Ansys / Jack Beane, Application Engineer, Ansys
17:30	**Closing talk**