Audi Development Camp

An innovative fast-track into engineering profession

Summary report
ADC2019 in numbers

4 WEEKS

500 + hours of pure teamwork

22 hours of lectures

48 hours of specific trainings

32 hours of leisure activities
This idea creates an innovative educational format that enables students to use technology and tools used by engineers in the industry to solve a task born in industry. Additionally, it would have been criminal to miss the opportunity when legendary technical experts possessing outstanding teaching skills gladly accept the chief mentor positions of the camp.
I think Audi Development Camp is a unique opportunity for students. They have to improve a car that is based on an Audi. In one team, all members have their own specified job within the main target, which is to win the competition. The engineering students use the appropriate simulation tools to construct the best powertrain in the virtual environment.
I have been an intern at Audi Hungaria since January, where I learned about this opportunity. This internship position at the company rewarded me with a lot of knowledge already, but mostly linked to fluid mechanics. My goal in the camp is to broaden my technical knowledge by participating in this powertrain development exercise.

The four weeks gave a lot of new knowledge and information for me, since as a mechanical engineering, I receive an insight into a hybrid powertrain system, all the while being placed into a real, competitive environment. Supplementary programmes organized in the Camp, such as the management training in the Audi Hungaria Project- and Training Center are also very useful for the participants.
Our participants will spread the word about the unique cooperation of Szechenyi Istvan University and Audi Hungaria to all corners of Europe and beyond, which has a really strong message. The primary goal, of course, still is that the students, competing in four teams during the project, based on the boundary conditions set in the design rules, develop the best possible hybrid powertrain.
Mentors and officials

Chief mentors

Luca MARMORINI
Former head of engine development at Ferrari and Toyota F1 teams

Norbert GATZKA
Engine developer
Former Formula-1 engine constructor

Barna HANULA
Dean of Audi Hungaria
Faculty of Vehicle Engineering at Széchenyi István University

Daniel FESZTY
Leader of Whole Vehicle Development Department at Széchenyi István University

Jan KNAUP
Leader of Internal Combustion Engines Department at Széchenyi István University

Experts of Széchenyi István University and Audi Hungaria

Zoltán PAPP
Audi Hungaria Drivetrain Development (G/GE)

Zoltán GERE
Audi Hungaria Whole Vehicle Development (G/GF)

Benedek SZABÓ
Audi Hungaria Whole Vehicle Development (G/GF)

Kristóf KISS
Audi Hungaria Drivetrain Development (G/GE)

Balázs LÖRINCZ
Audi Hungaria Drivetrain Development (G/GE)

Industrial partners

Felix PFISTER
Business Development Manager at IPG Automotive

Gábor HRAUDA
Manager at AVL
Vehicle durability and ADAS testing

Peter BARTSCH
Lead Engineer
Thermodynamic Analysis at AVL

Team mentors

János KUN
PhD student in vehicle acoustics

András NAGY
PhD student in Internal Combustion Engine tribology

László PAULOVICS
PhD student in Internal Combustion Engine tribology

Álmos TÓTH
PhD student in Internal Combustion Engine tribology

Tamás KOLOSSVÁRY
Program manager
PhD student in management

Péter NÉMETH
Program coordinator
Vehicle engineering masters student

Dominika OLÁH
Event coordinator
Executive assistant

Krisztina SAMODAI
Audi Hungaria representative
Education/Academic Cooperations

Evelin BODOR
Event coordinator
Commerce and marketing bachelor

Executive committee

Zoltán PAPP
Audi Hungaria Whole Vehicle Development (G/GF)

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Audi Hungaria Drivetrain Development (G/GE)

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See you in 2020!

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