

## Summer School 2017

Dear students, dear parents, dear counselor,

The Carl Benz School of Engineering offers two Summer Schools each year to give High School students a one week inside view on Engineering studies in Germany. Since the start of the program in 2008, we are happy to welcome international students from all over the world to take part not only in lectures and practical workshops lead by specialists and professors from the Karlsruhe Institute of Technology (KIT), but also in "hands-on" metal working.

In the Institute of Information Management in Engineering, students can experience "Virtual machine construction" and in the Research Center, they will have the opportunity to learn more about "Robots in the Production Process".

Furthermore, participants will meet members of the Formula Student Team of the Karlsruhe KA-Racing and work on a special construction task. A visit to the world famous Daimler AG will complete our academic agenda.

Our program will start with a "Welcome Party" in the courtyard of the Carl Benz School. This event gives the students the unique opportunity to experience international student life at our own campus with an included dormitory in the city centre.

A guided tour through Karlsruhe and the visit to the Palace Gardens will be organized to familiarize everyone with the city and the German culture. Of course, there will also be enjoyable field trips like the visit to a big adventure park and a swimming pool.



*Ariane van Elst*

Ariane van Elst  
Carl Benz School of Engineering

"This summer comes your chance to discover one of the most exciting professions in the world."

## Carl Benz School of Engineering

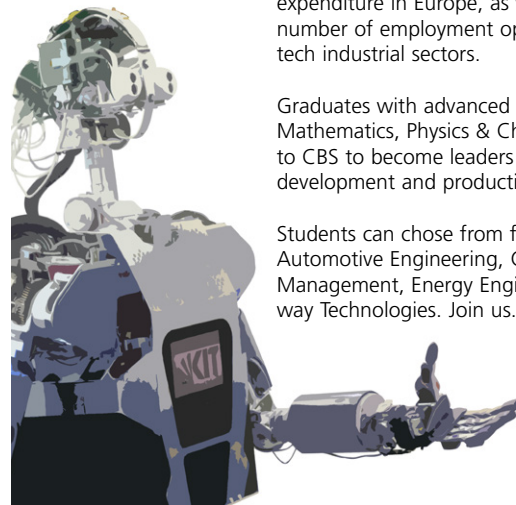


The Carl Benz School of Engineering is the Mechanical Engineering College of the Karlsruhe Institute of Technology which is one of the most prestigious technical universities in the world. CBS offers a Bachelor of Science Program in Mechanical Engineering (International). The teaching language is English.

The Carl Benz School is located in the German State of Baden-Württemberg which boasts the highest research and development expenditure in Europe, as well as the largest number of employment opportunities in high-tech industrial sectors.

Graduates with advanced knowledge in Mathematics, Physics & Chemistry may apply to CBS to become leaders in engineering, development and production.

Students can choose from four majors, i.e. Automotive Engineering, Global Production Management, Energy Engineering and Railway Technologies. Join us.



## Costs and Accommodation

Excursions	Adventure park Europark Rust Sightseeing tour Karlsruhe Visit of Daimler AG Trip to huge indoor swimming complex
Lunch	Refectory
Transport	Tram ticket
Lectures/Workshop	Science of railway Research center Karlsruhe Virtual engineering Railway practical workshop Introduction to programming in C++ Technical art workshop Control systems Electronics workshop

Costs 900 €

Travel	Travel costs to Karlsruhe
Food	Dinner
Accommodation	Please make your own arrangements
Costs	On your own expense

## Accommodation Suggestions

### Campus Carl Benz School

Tel.: +49 (0)721 608-47888  
✉ living@idschools.kit.edu  
www.idschools.kit.edu  
~ 350 € / week  
Rooms might be available upon request

### Hotel Alfa

Tel.: +49 (0)721-29926  
✉ info@alfa-karlsruhe.com  
www.alfa-karlsruhe.com  
~ 59-79 € / day incl. breakfast

### Youth Hostel Karlsruhe

Tel.: +49 (0)721-28248  
✉ info@jugendherberge-karlsruhe.de  
www.jugendherberge-karlsruhe.de  
~ 22 € / day incl. breakfast

### Hotel Erbprinzenhof

Tel.: +49 (0)721-27954 or -23890  
✉ info@hotel-erbprinzenhof.de  
www.hotel-erbprinzenhof.de  
~ 54-63 € / day incl. breakfast

## Impressions of Karlsruhe



## Program Overview

Date	Event
Friday	Arrival at the hotel or campus
Saturday	Official start of program Welcome party Sightseeing tour Karlsruhe Swimming pool
Sunday	Excursion adventure park Europapark Rust
Monday	Welcome at Carl Benz School Lecture "Man & Energy" Lunch break at KIT mensa Visit of the lifecycle engineering solutions center Workshop „Design & Build a Solar-Powered Vehicle“
Tuesday	Workshop KA-Racelng / Formula Student Mensa, lunch break Lecture "The Physics of Railways" Electronics workshop
Wednesday	Introduction to Programming in C++ Lunch break at KIT mensa Lecture "Control Systems"
Thursday	Visit of the "Humanoids and Intelligence systems laboratories" Lunch break at KIT mensa Company visit: Daimler AG, Rastatt
Friday	Art workshop Lunch break at KIT mensa Lecture „Railway Systems and Technology“ Carl Benz School self assessment

Please note that this program overview is generic and can be subject to alterations.

## Impressions from participants

The CBS Summer School provides a great experience for engineering-oriented students of all nationalities. The activities are well planned to keep students fully engaged during the day – it is an opportunity that should not be missed.  
– James from the USA

I found it inspiring and motivating. I developed interests in matters that I had not thought about and might want to further investigate in the future. The school had a great balance between fun activities, workshops and lectures! I will definitely recommend it to my friends!  
– Federico from Italy

I had an amazing time at the summer school and gained valuable insights into the world of engineering!  
– Agastya from India

This was definitely one of the best trips I have ever done - the summer school gave a great intro to mechanical engineering!  
– Julius from Germany

# Summer Schools 2017

June 23 - 30 & July 1 - 7, 2017  
Karlsruhe (Germany)

## Contact

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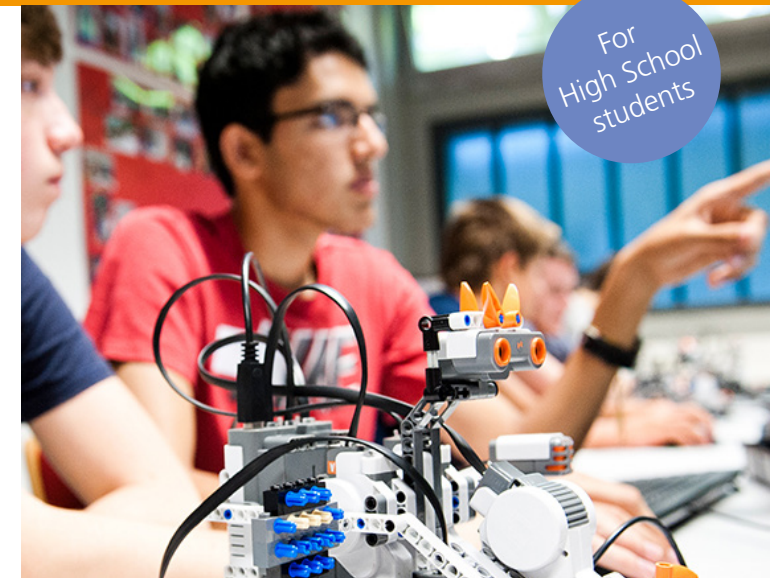


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Application Deadline  
April 30, 2017

Please apply online at  
[http://carlbenz.idschoools.kit.edu/summer\\_school\\_application.php](http://carlbenz.idschoools.kit.edu/summer_school_application.php)



For  
High School  
students