



## ChemCar 2025: Concept

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### Title/Headline

*Name of the team leader, name of team members and of technical supervisor  
Contact details of the team leader (Name, address, telephone, mail)*

### Summary

Here, you should explain your concept in only three sentences (maximum), so that outsiders know quickly what your concept is about. In principle it complies with an abstract.

### Introduction

Motivation, background of your reaction(s), why do you choose this particular concept... These things can be explained here.

### Concept

This part is certainly the most important one since here you present the main ideas of your ChemCar. Please remember, that a process flow diagram and a sketch of your car (if you already have one) are part of the description. If you already have first experiments, you can attach them to your concept description, too.



**Figure 1: Formatting instruction for graphics.**

### Drive source

Here, you should mention a description of the drive source and explain how the energy is transformed into movement. You must list estimations of operating conditions (pressure and temperature) and used chemicals.

### Braking mechanism

Very important: Your ChemCar should not only be driving, but has to stop in a defined distance. There are certainly several possibilities. Please have a look in the set of rules before deciding which braking mechanism you want to take for choosing a rule-consistent concept.

### Outlook

Aspects such as the timetable, further-reaching ideas and strategies, fine tuning... in other words, everything that is yet undecided can be listed here.



Team name, University

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**List of references**



Team name, University

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### Appendix

Contact data of safety officer:

Title: ...  
Name: ...  
First name: ...  
Address: ...  
...  
Telephone: ...  
Mail: ...

Contact data of team supervisor:

Title: ...  
Name: ...  
First name: ...  
Address: ...  
...  
Telephone: ...  
Mail: ...

Contact data of team leader:

Title: ...  
Name: ...  
First name: ...  
Address: ...  
...  
Telephone: ...  
Mail: ...

**Table 1: Contact data of all persons responsible and participants**

-	Name	Course of study	Semester	Telephone	E-Mail
Supervisor					
Team leader					
Member 2					
Member 3					
Member 4					
Member 5					
Member 6					



Team name, University

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**Table 2: List of chemicals**

Chemical	Expected amount brought along to the competition	H and P statements