



RAILWAY CHALLENGE

The European edition

Date:	4-6 June 2021 , Bad Schussenried park railway
	The competition will be held annually at the beginning of June. The date for 2022 has also already been fixed: 3-5 June 2022.
	public event, free admission, access for guests and donations possible
Registration Deadline:	Registration of the teams by 1 October 2020 at the latest
Arrival of teams:	until 3 June 2021, from 6pm
Departure of teams:	on 6 June 2021, starting in the afternoon
Number of participants:	max. 15 persons per team
Requirements:	students, trainees or young professionals up to two years after their professional qualification

The most important technical data:

- Track gauge park railway 10 ¼" (approx. 260 mm)
- Minimum radius 10 m
- Wheelset load max. 500 kg
- Maximum speed during the competitions 15 km/h

Competition content:

- Energy recovery
- Traction performance
- Ride comfort
- Noise emission
- Automatic target braking
- Maintainability
- Reliability
- Construction
- Economic efficiency
- Design of the poster
- Innovation



Accommodation:

Gartenbahnanlage Kürnbach (garden railway)
Griesweg 45
88427 Bad Schussenried

Arrival:

Public Transport: Regional train to Bad Schussenried, then approx. 1.7 km on foot to the garden railway or Aulendorf (8 km)

Veicles/equipment:

Accommodation in tents possible, parking spaces for transport vehicles available: Griesweg 45, 88427 Bad Schussenried; Unloading with the help of a lifting platform possible

Accommodation:

Tent camp directly on the site (12 tents/4x8m pavillions can be provided. Field beds/sleeping bags have tob e brought by the partipants themselves!)

Please book accommodation on self-pay basis:

- Hotel Amerika, Maybachstr. 14, 88427 Bad Schussenried, www.hotel-amerika.de
- Hotel Barbara, Georg-Kaess-Str. 2, 88427 Bad Schussenried, www.hotelbarbara.de
- Holiday flat Daiber, Ortsstrasse 34, 88427 Bad Schussenried, www.kartoffel-daiber.de
- Hotel Hofgut Tiergarten, Beim Tiergarten 11, 88326 Aulendorf, www.hofgut-tiergarten.com
- Pension Reck, Bachstraße 13, 88326 Aulendorf, www.restaurant-reck.de
- Vita Wellnesshotel, Ebiswiler 20, 88326 Aulendorf, www.vita-hotel.de

Catering:

Teams are self-catering, except on the day of the evening event on day 2



SCHEDULE

DAY 1 | Friday | 4 June 2021

- Static acceptance
- Dynamic reduction (vmax, braking power)

DAY 2 | Saturday | 5 Juni 2021

- Test drives
- Presentation
- Locomotive Parade
- Evening Event

DAY 3 | Sunday | 6 June 2021

- Competition (contents as described above)
- Award ceremony with prize money for 1st to 3rd place

WINNER:

- The winner of the Railway Challenge Europe is automatically eligible for the one-time participation in UK Railway Challenge competition, which usually takes place 3 weeks later.
- **1st place: € 2.000,00 prize money + entry fees IMechE**
- **2nd place: € 1.000,00 prize money**



REGISTRATION

Verbindliche Anmeldung: per Anmeldeformular bis 1. Oktober 2020 via E-Mail an:
hallo@railwaychallenge.de

Kosten: Unkostenbeitrag/Startgebühr in Höhe von EUR 500,00
 – zahlbar bis spätestens 2. November 2020

CONTACTS

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RAILWAY CHALLENGE The European edition

<https://railwaychallenge.de/>

with friendly support from:



<https://www.knorr-bremse.com/de/>



www.schaltbau-refurbishment.de



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DIE BAHNINDUSTRIE.

VDB VERBAND DER BAHNINDUSTRIE IN DEUTSCHLAND E.V.

<https://bahnindustrie.info/>



gegründet 1881

<https://dmg-bahn.de/>



REGISTRATION FORM

Name of team		Number of team members
Contact information team leader (name, address, e-mail, mobile number)		
No.	Name, first name	Company / university
1		
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15		

Please complete and return by 1 October 2020 to: hallo@railwaychallenge.de
GOOD LUCK!