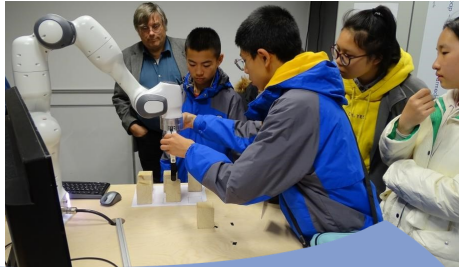




International Research Summer Camp for Students aged 14 to 17 Kassel, 26.7. – 8.8.2020



Work with modern equipment



Do your own scientific research



Get to know new friends and country

What is IRSC?

IRSC ist the Internatonal Research Summer Camp in Kassel, Germany. It will mostly take place at the SFN (Highschool Student Reserach Center) in the inner city of Kassel. The SFN has a state of the art equipment and trained staff to support you at your stay.

What is the goal of IRSC?

IRSC is meant to let you do your very own research in any science or engineering field you want to. Furthermore col- laborations should start during camp. As well we want you to make international friends and start collaborations around the world.

Why should I apply to IRSC?

- I am interested in STEM ✓
- I want to make friends from all over the world ✓
- I want to have amazing OCEs during summer ✓

What is an OCE?

OCE ist the short term for **O**ut of **C**amp **E**xperience, which means we will leave the SFN to go to special places.

Questions?

Do not hesitate to ask us about the- Camp anything you want to know at irsc@sfn-kassel.de

www.sfn-kassel.de/camp



How to apply to IRSC?

Write an email with your personal data including

- Age
- Origin
- Full name
- Interests
- Hobbies

to irsc@sfn-kassel.de



We will send you further information after application

Travel and accomodation

Fly in day is on July 26. The best airports are either Frank- furt (FRA) or Hannover (HAJ). From there you have to take the train to Kassel. There will be someone at the trainstati- on to pick you up. Fly out is on August 8.

During Camp you will stay at a youth hostel in near walking distance to the SFN. Breakfast and Lunch (sometimes) will be provided there. Lunch and other meals will be held in SFN or on OCEs





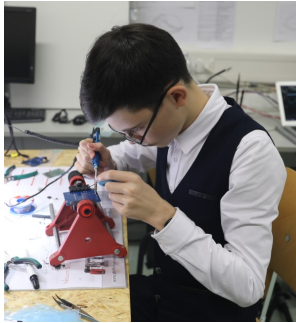
What is the SFN?

The Young Student Research Center is located in Kassel. It is open for every high school student of the region. Students from Kassel and the surrounding area come together here and do real science. We have several teams of 1-3 students working on up-to-date science in STEM. We do prepare them for competitions and science fairs like ISEF.



What's our equipment?

- Woodwork and metalwork Workshop
- Electron microscope
- Single photon detectors
- Observatory with 7 telescopes
- Labs: biology, chemistry, physics, laser, acoustic, genetics,
- Over 60 computer workstations
- High-speed camera
- Infrared camera
- Free fall tower
- Library
- Vacuum chamber



Schedule Week 1 (can change slightly)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Arrival/ Welcome	Introducing the SFN, possible projects, project selection, team building. Lunch First team meetings	Workshops: electron microscope, 3D printer, laser cutter, robotic arm, microscope and more, Teamwork Lunch OCE Astronomy museum, Planetarium Dinner Observatory	Teamwork Lunch OCE Mountainpark, Castle and ancient fortifications	Teamwork Lunch Teamwork	Workshops: as Tuesday, Teamwork Lunch Teamwork Dinner Observatory	Workshops: as Tuesday Lunch OCE Exploring the surrounding area



Schedule Week 2 (can change slightly)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Free time, possible Program	Workshops as week 1, Teamwork Lunch Teamwork, OCE City tour	Teamwork Lunch OCE Hiking, picnicing, stargazing	Free time Lunch Teamwork	Teamwork Lunch Preparing final presentation	Final Presentation Lunch Meeting for further collaboration Dinner Certificate ceremony	Departure