

**SFN**

International Research Summer Camp for Students aged 14 to 17 03.10.2020-16.10.2020



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 Camp anything you want to know at isrc@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 isrc@sfn-kassel.de



We will send you further information after application

Travel and accomodation

Fly in day is on October 3rd. The best airports are either Frankfurt (FRA) or Hannover (HAJ). From there you have to take the train to Kassel. There will be someone at the train-station to pick you up. Fly out is on October 16th. 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 highschool 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 computerworkstations
- 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.	Workshops: electron microscope, 3D printer, laser cutter, robotic arm, microscope and more, Teamwork	Teamwork	Teamwork	Workshops: as Tuesday, Teamwork	Workshops: as Tuesday
	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
	First team meetings	OCE Astronomy museum, Planetarium	OCE Mountainpark, Castle and ancient fortifications	Teamwork	Teamwork	OCE Exploring the surrounding area
		Dinner			Dinner	
		Observatory			Observatory	



Schedule Week 2 (can change slightly)

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