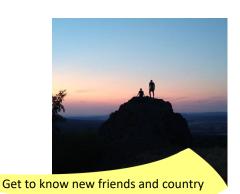


International Research Summer Camp for Students aged 14 to 17 03.10.2020-16.10.2020







? What is IRSC?

IRSC ist the International Research Summer Camp in Kassel, Germany. It will mostly take place at the SFN (Highschool Student Reserarch 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 collaborations 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 irsc@sfn-kassel.de

www.sfn-kassel.de/camp



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How to apply to IRSC?

Write an email with your personal data including

- Age
- Origin
- Full name
- Interests
- Hobbies

to isrc@sfn-kassel.de

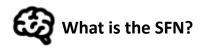
We will send you further information after application

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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 trainstation 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





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 serveral teams of 1-3 students working on up-to-date science in STEM. We do prepare them for competitions and science fares 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 | . Med | Thu | Fri | Sat |
|----------|----------------------|--|--|----------------|------------|------------------------|
| Arrival/ | Introducing the SFN, | ntroducing the SFN, Workshops: electron Teamwork | Teamwork | Teamwork Work- | | Workshops: as |
| Welcome | possible projects, | microscope, 3D prin- | | | shops: as | Tuesday |
| | project selection, | ter, laser cutter, ro- | | | Tuesday, | |
| | team building. | botic | | | Teamwork | |
| | | arm, microscope | | | | |
| | | and more, Team- | | | | |
| | | work | | | | |
| | Lunch | Lunch | Lunch | Lunch | Lunch | Lunch |
| | First team mee- | OCE Astronomy mu- | OCE Astronomy mu- OCE Mountainpark, Cas- Team- | Team- | Teamwork | Teamwork OCE Exploring |
| | tings | seum, Planetarium | seum, Planetarium tle and ancient foun- | work | | the surrounding |
| | | | tains | | | area |
| | | Dinner | | | Dinner | |
| | | Observatory | | | Observato- | |
| | | | | | 2 | |



| | Sat | Departure | | | ic | | | | Λ. |
|--|-----|---|-------|-------|---|---------------|--------------|--------|---------------------|
| | Fri | Final Presentation | | Lunch | Meeting for further | collaboration | | Dinner | Certificat ceremony |
| | Thu | Teamwork | | Lunch | Preparing | final | presentation | | |
| | Wed | Free time | | Lunch | Teamwork | | | | |
| | Tue | Teamwork | | Lunch | OCE Hiking, picnicing, Teamwork Preparing | stargazing | | | |
| | Mon | ree time, Workshops as week 1, Teamwork tossible Pro- | | Lunch | Teamwork, OCE City | tour | | | |
| | Sun | Free time, Workshops possible Pro- | gramm | | | Ψ. | | | |

Schedule Week 2 (can change slightly)