



HEIDELBERG
FACULTY OF
MEDICINE

**INSTITUT FÜR
ANATOMIE UND
ZELLBIOLOGIE**
HEIDELBERG



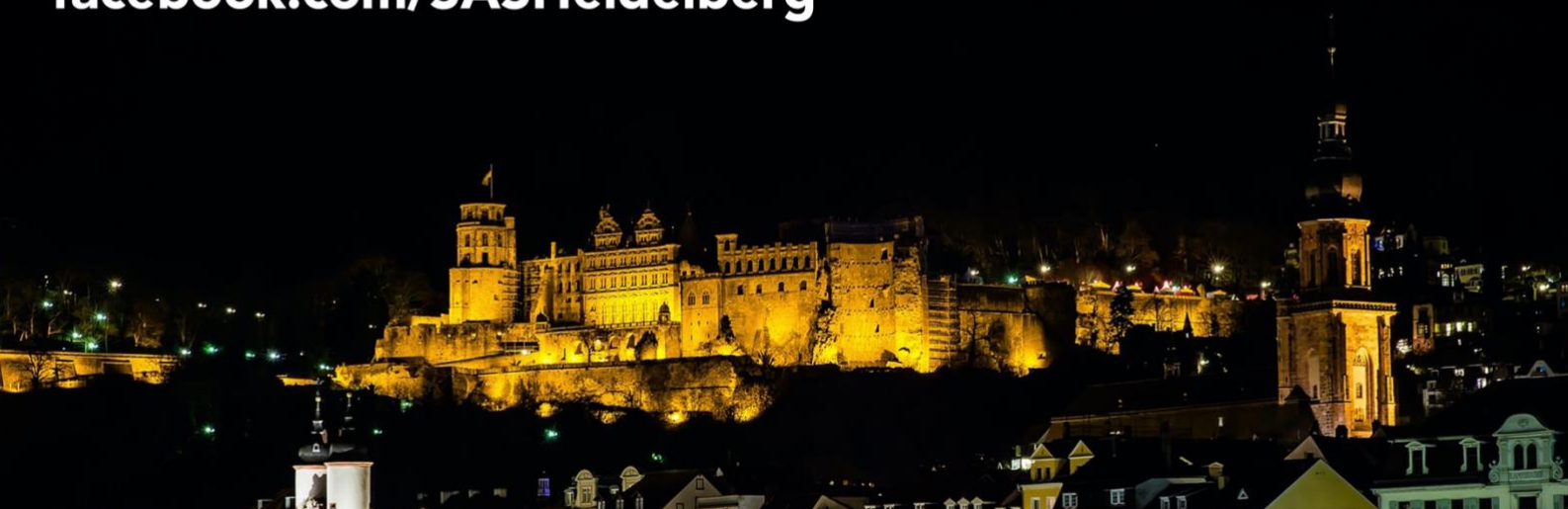
Summer school of Anatomy-based Sonography Heidelberg

25. July - 01. August

Further information

SASH@uni-heidelberg.de

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Welcome to Heidelberg

Heidelberg is an exquisite city in southern Germany. It is located on the bank of the river Neckar, wedged in a marvellous V-shaped valley.

Heidelberg is well-known beyond Germany's border principally for two reasons: first, it is a popular tourist destination - visitors are attracted especially by the romantic and picturesque city centre (*Altstadt*) and by the Renaissance castle ruins (*Heidelberger Schloss*), which tower proudly above the Neckar Valley; secondly, Heidelberg is the location of the oldest German University, Ruprecht-Karls Universität.

Heidelberg University is closely tied into a world-wide network of research and teaching collaborations. Its slogan "Semper apertus" (always open) perfectly reflects the open-minded attitude of students, teaching body and the institution itself. About 20% of all undergraduates and more than a quarter of all enrolled doctoral candidates come from abroad. Furthermore, Heidelberg hosts some of the world's leading research centers and has been home of some of the brightest minds during the last centuries.

Depicting its standing as a university town, Heidelberg offers a dynamic cultural life and numerous free time activities to all its students. Countless pubs and restaurants are crowded with students on the weekends, and the town is renowned for its traditional breweries - you will be surprised by the culinary experiences they have in store for you!

Our aim is to make your stay in Heidelberg a memorable experience both on a professional and on a personal level. We look forward to welcoming you!

What is SASH?

SASH, "Students' Academy of Sonography Heidelberg", is a "hands-on" ultrasound course designed for international students only. The course is equivalent to the unique ultrasound course provided to Heidelberg medical students. We are aiming to share the contents and techniques with international attendees as well.

Objectives

During our classes we will use sonography as an educational tool to focus on the gross anatomy of the abdomen. You will quickly learn how to use the ultrasound device and how to read its images, supplying you with helpful skills for later clinical application.

We address this initiative to an international audience, since we want this to be a stimulating, fun atmosphere in which intercultural exchange occurs naturally.

"SASH should not only be an ultrasound course, but also an opportunity for young students to meet and discuss."



About SASH

How is the course structured?

Interactive lessons: 20 participants will be divided into small groups of 4 students. Each group will be guided through the programme by an experienced student tutor.

Daily pre-tests: Every morning, a short test will be held as an incentive to prepare for each day's subject.

"Hands-on" approach: Students will be encouraged to personally perform ultrasound examinations on each other focusing on a new anatomical region each day.

Course Contents:

Day 1 – Great vessels and retroperitoneum

Day 2 – Liver & gallbladder

Day 3 – Spleen & pancreas

Day 4 – Kidneys, bladder and internal genitalia

Day 5 – FAST (Focused Assessment with Sonography for Trauma)

We will also work on clinical cases to understand the differences between physiological and pathological findings and to highlight the relevance of ultrasound in the clinical routine.

Handbook: We will provide the participants with our own handbook, which covers all topics discussed during the lessons.

Clinical exposure: All students will attend a one-day clinical elective in one of the various departments of Heidelberg University Hospital

Short presentation: All students will give a short presentation of a clinical case from their elective at the end of the week.

... and plenty of time to enjoy Heidelberg!

Who is eligible?

All medical students who have **completed** their **second year** of study or **successfully passed** all **anatomy examinations** can apply for SASH. We recommend the participation especially to students of the third and fourth year, as the course will mainly focus on preclinical and basic clinical contents. However, also senior students are warmly invited to take part in the course.

Participation fee 350 € including 7-night accommodation (breakfast included) as well as all course materials and most of extra-curricular activities.

When? Saturday 25 July – Saturday 1 August 2020

Accommodation will be provided by Heidelberg University close to the New Campus (Im Neuenheimer Feld) at Steffis Hostel (Alte Eppelheimer Straße 50, Heidelberg). Lecture rooms are located within walking-distance from the accommodation (approx. 5 min). Further information will follow after enrolment.

Students' Academy of Sonography Heidelberg – Programme

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MORNING		Introduction, Physical background	Sonography course 1	Sonography course 2	Internship Hospital	Sonography course 4	Presentation of cases	Departure
AFTERNOON	Arrival	Teambuilding walk	City tour	Free/ study time	Sonography course 3	Free Time	Sonography course 5	
EVENING	Welcome Night		Free/ study time	Cultural excursion	Free/ study time	Preparation of cases	Dinner + Party	

*Cultural excursion – theater play, concert, brewery tour etc.

**Internship Heidelberg University Hospital = a morning in the sonography department of one of Heidelberg's Hospitals (gastroenterology, cardiology, gynecology, urology, nephrology etc.)

Application

If you are considering applying for SASH, please make sure that you complete the **APPLICATION FORM** (see attachment) and supply the required documents:

- Motivational statement (one page, font size 12, line pitch 1,5)
- Curriculum vitae
- Certificate of enrolment
- Proof on English proficiency (one of the following)
 - IELTS test results: minimal overall score 6.5
 - TOEFL test results: minimal overall score 94
 - Cambridge exam: FCE (min. grade A) or CAE (min. grade C)
 - Proof of English as a language of institution
- Copy of ID or passport
- Optional: letter of reference

Application period 10 January 2020 – 1 March 2020

Feel free to contact us if you have any further questions.

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History of the course

For the past thirteen years the anatomic institute has offered a popular and successful ultrasound course designed for preclinical students. Sonography is used in this course as a didactic tool to improve students' diagnostic skills as well as to enhance their spatial visualisation ability and their understanding of abdominal anatomy.

Heidelberg ultrasound classes represent a unique educational concept within Germany. The participating students are taught in small groups by experienced senior students. They are encouraged to personally perform ultrasound examinations on each other and practise standard examination techniques.

PD Dr. Dr. Nawrotzki, head of Heidelberg ultrasound classes, considers student tutors as the fundamental component to ensure the course's success. A well-structured training program consisting of theory, didactics and practical training, has formed a group of best prepared and highly motivated tutors. They have guaranteed excellent teaching during the past years and are looking forward to use their experience in the new setting of SASH.

The Heidelberg Ultrasound course is mainly a student initiative, and the relaxed atmosphere during classes facilitates a pleasant and efficient learning process. Our hope is that the SASH students' initiative will take this onto the next level: an international, study-friendly environment, open to discussions and exchange of new ideas.

CONTACT US

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