



#### APPLICATION

Students from all over the world are invited to participate in the International Science Camps. For application is required: curriculum vitae in tabular form including a photo, an informal letter of recommendation by science teacher.

Early registration makes it more likely that the student will get his first choice of courses.

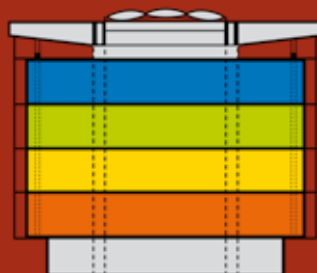
Participants must be fluent in written and spoken English – we reserve the right for English testing by interview.

Deadline for application: March 15<sup>th</sup>

The costs for the camp are 1.850 € which is all-inclusive except for the travel expenses to Goettingen and home. We expect the prepayment of the first rate directly after the confirmation. Otherwise we reserve the right to assign the place to other applicants.

Please, do not hesitate to contact us!  
email: [sciencecamp@xlab-goettingen.de](mailto:sciencecamp@xlab-goettingen.de)

Further information and course descriptions will be found on our website: [www.xlab-goettingen.de](http://www.xlab-goettingen.de)



## XLAB

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INTERNATIONAL  
SCIENCE CAMP

# XLAB

July 21th – August 15th 2003  
August 16th – September 8th 2004  
August 13th – September 7th 2005  
July 9th – 25th 2006  
August 6th – 29th 2006  
June 24th – July 17th 2007  
August 5th – 28th 2007  
June 15th – July 8th 2008  
July 27th – August 19th 2008  
June 21th – July 14th 2009  
August 2nd – 25th 2009  
June 20th – July 13th 2010  
August 1st – 24th 2010  
June 19th – July 12th 2011  
July 31th – August 23th 2011  
June 24th – July 13th 2012  
July 29th – August 22nd 2012  
June 23rd – July 16th 2013  
July 28th – August 20th 2013  
June 22nd – July 15th 2014  
July 27th – August 19th 2014  
June 21st – July 14th 2015  
July 26th – August 18th 2015

Every summer XLAB organizes two International Science Camps. They attract interested high school students, undergraduate college and university students, aged about 18 to 22 years. Courses are offered in biology, chemistry and physics and supervised by scientists of the University of Göttingen and affiliated research organizations.

The number of participants is limited to 32. The number of students per course is varying, depending on the capacity of the different laboratories and the availability of the scientific equipment. The students work in small groups of two or three. All experiments are hands-on experiments, including the use of special research instruments.



The XLAB is situated on the science campus of the Georg August University of Goettingen. All of the university laboratories and affiliated institutes, as well as the university canteen, are within a few minutes walking distance.

During the science camp each participant will attend three different weekly courses. Students select courses of their interest and indicate their first and second choice.

The XLAB team plans and organizes a program of social and cultural activities for evenings and weekends. A guided tour of Göttingen and short trips to places of interest in the surrounding area are planned, as well as a variety of cultural events, sports, hikes, picnics and barbecues plus three days excursion to Berlin. Social contacts among students from different cultural background are as important as experimental work and scientific learning.

English is the unique language in scientific communities worldwide. Therefore English is used among all students, teachers and scientists during the XLAB International Science Camps.

THE INTERNATIONAL SCIENCE CAMPS LASTS FOR 3 1/2 WEEKS

1st week	2nd week	3rd week	4th week
Developmental Biology	Molecular Biology	Anatomy	Symposium Excursion to Berlin
Plant Carbon and Water Relations	Neurophysiology	Analytical Chemistry	
Laser Physics	Radiation in Science	Physics of Flying	

EXAMPLE FOR A TYPICAL ISC SCHEDULE



LASER PHYSICS



ANATOMY



MOLECULAR BIOLOGY



BIOLOGY



NEUROPHYSIOLOGY



ECOLOGY



CHEMISTRY



LIVING IN AN INTERNATIONAL SCIENCE COMMUNITY

