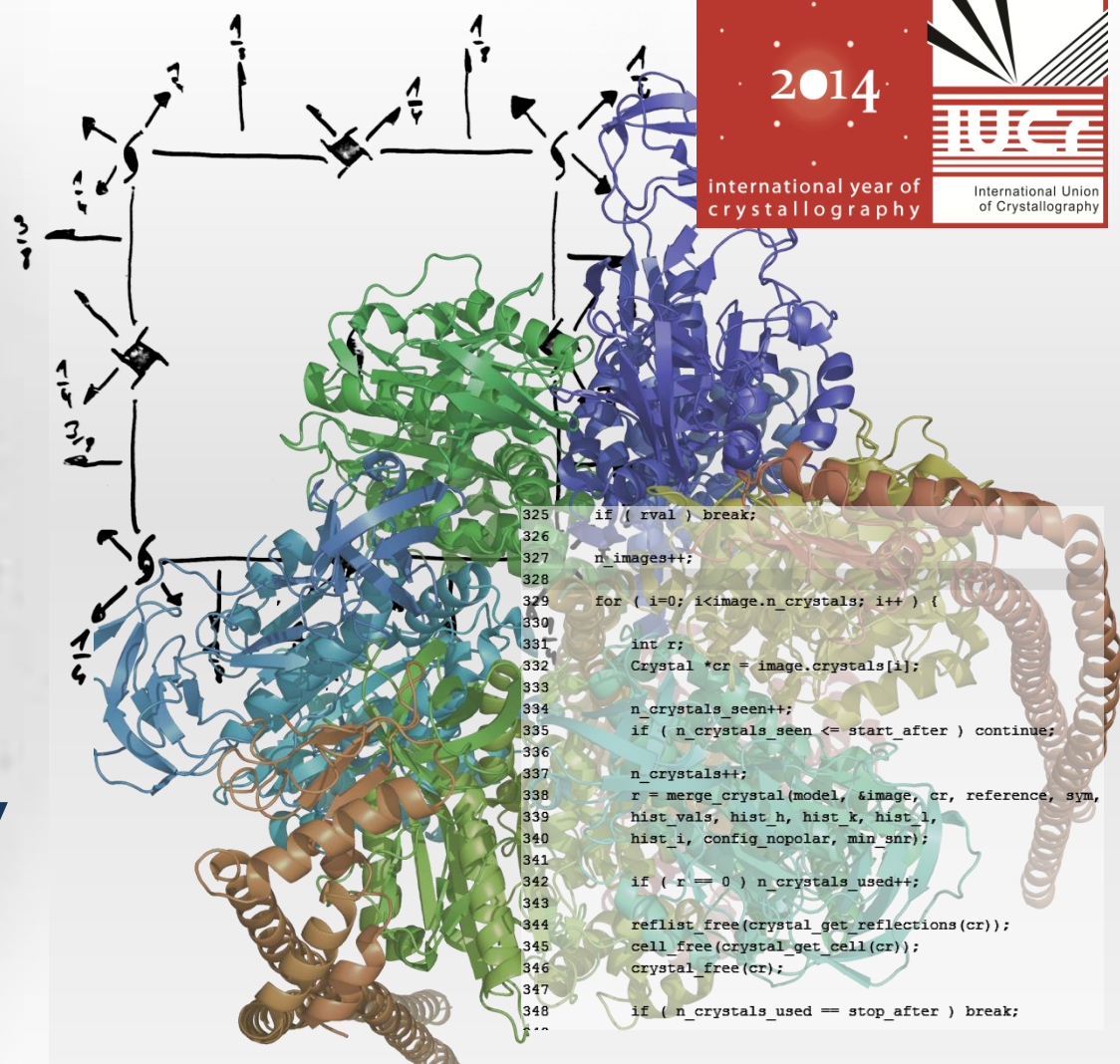


# ISSC14



Hamburg, Germany

11. – 17. May 2014

## First International Summer School of Crystallography

Tutor: Prof. Carmelo Giacovazzo | Apply now:

Speakers: Prof. Henry Chapman (CFEL)  
Dr. Thomas Schneider (EMBL)  
Dr. Gleb Bourenkov (EMBL)  
Dr. Thomas White (CFEL)  
Dr. Adrian Mancuso (European XFEL)



The course will cover basic mathematical understanding of crystallographic point and space groups, diffraction experiments, structure factor calculations, systematic absences, determination of space groups, the basics of modern phasing methods in protein crystallography and many additional topics. After the discussions of theory, one afternoon will be spent to learn about modern applications of protein crystallography using advanced light sources, such as 3rd generation synchrotron and XFELs.

The course will mostly cover mathematical background of crystallography, hence we are looking for students, having a (bio)physics background.

The registration fee is 100 EUR per person including coffee breaks and lunch.

Accommodations can be made at the DESY Guest House: 70 EUR per person for 7 nights (10.-17.05.2014).

The applications will be managed via the DESY Indico system: <https://indico.desy.de//event/ISSC14>

Applicants must provide a motivation letter, as well as a CV, directly to the organizer Cornelius Gati ([cornelius.gati@cfel.de](mailto:cornelius.gati@cfel.de)).

**Application deadline: 28th of February 2014**

Organizing Committee:  
Cornelius Gati  
Dominik Oberthür  
Imtraud Kleine  
Thomas White

