

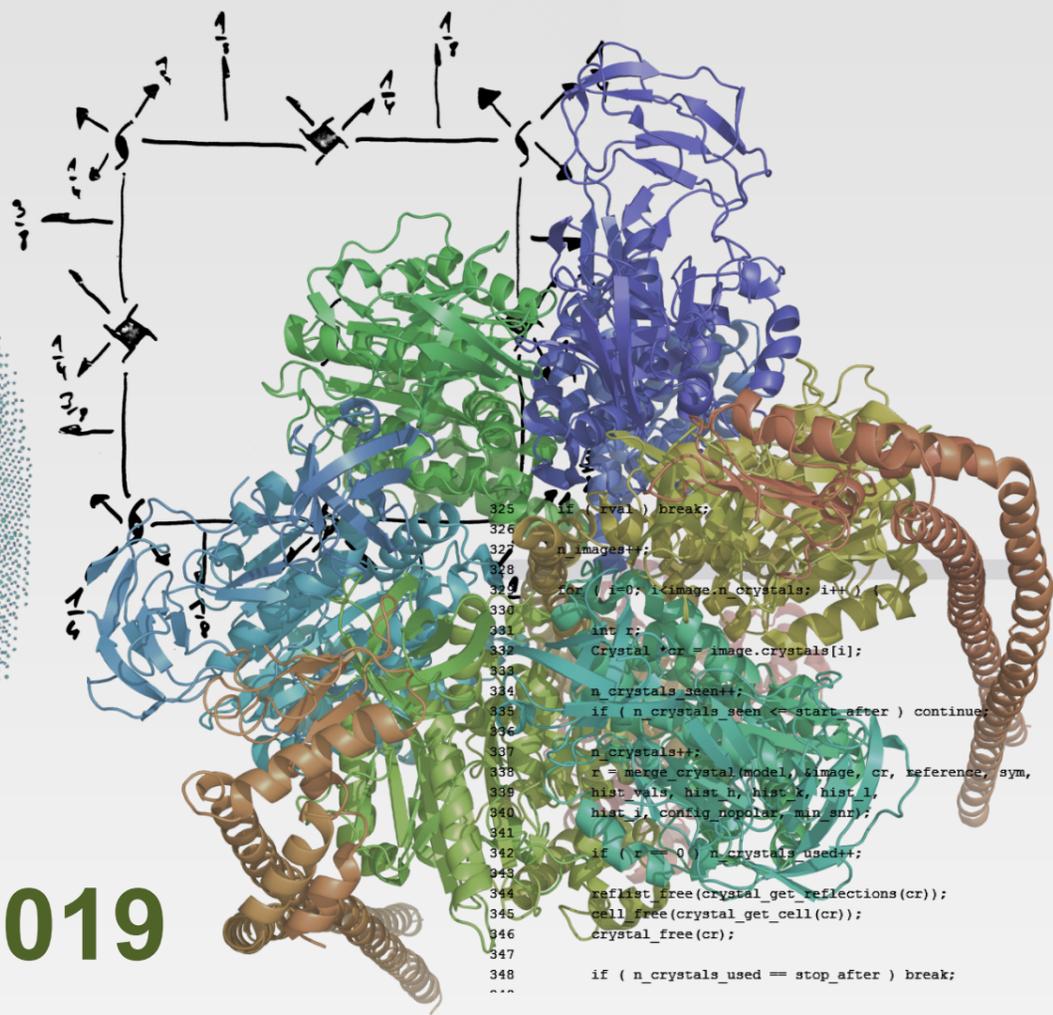


ISSC19

Hamburg, Germany



Hamburg, Germany  
2. June – 08. June 2019



# Fourth International Summer School of Crystallography

Tutor: **Prof. Carmelo Giacovazzo**

Apply now:

<https://conferences.cfel.de/issc19/>

Tentative speakers:

Prof. Henry Chapman (CFEL)  
Prof. Arwen Pearson (CUI)  
Prof. Kay Diederichs (Uni Konstanz)  
Dr. Gerard Bricogne (XFEL.eu)  
Dr. Thomas White (CFEL)  
More TBA

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. Besides the discussions of theory, modern applications of protein crystallography using advanced light sources, such as 3rd generation synchrotron and XFELs, will be covered during scientific presentations.

The course will emphasize the mathematical background of crystallography. Some prior knowledge of basic mathematics, e.g. vector algebra, trigonometry and calculus, will be helpful.

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

Accommodations will be provided at the DESY Guest House: 70 EUR per person for 7 nights (2019-06-02 to 06-09).

For further information please visit our website: <http://conferences.cfel.de/issc16>

Applicants must provide a motivation letter and CV directly to the organizer Max Wiedorn ([max.wiedorn@desy.de](mailto:max.wiedorn@desy.de)).

**Application deadline: 1st of May 2019**

Organizing Committee:  
Wolfgang Brehm  
Max Wiedorn  
Imtraud Kleine  
Thomas White

