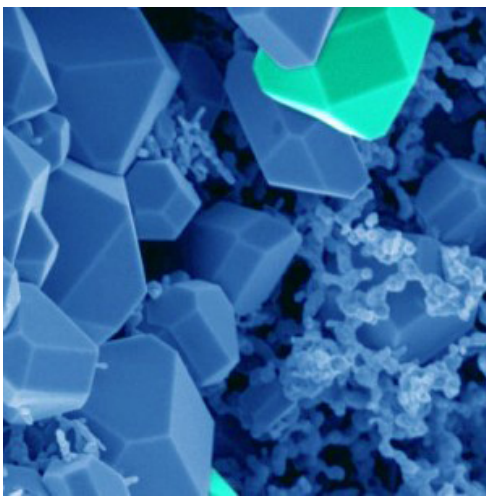


Institut Pasteur COURSE Integrative Structural Biology

Paris, 17th july – 22th july 2017



We announce the 2nd Pasteur Course on Integrative Structural Biology. Problems in structural biology today can very often not be solved by one technique alone, but need to be solved by a combination of methods, including **NMR, X-ray crystallography, electron microscopy, structural mass spectrometry, and SAXS**. The heterogeneous data coming from these methods need to be combined with **advanced molecular modeling** techniques. The Institut Pasteur is one of the few institutions that unites expertise in all major structural biology techniques and in molecular modeling on one site. The goal of the course is to provide young scientists that have more specialized knowledge in one of the techniques an overview over the broad range of modern structural methods available. Special emphasis will be given to computational approaches to integrate data (such as IMP, ARIA).

The course is principally aimed at the mature graduate student / postdoctoral level, but applications from scientists at all levels are encouraged. The course will consist of lectures, which will give introductions into the principles and limitations of the different techniques, and practical work on data analysis with the major structure refinement / modeling programs.

Claudine Mayer, Michael Nilges and Nicolas Wolff, Organizers

CONTACT
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More information and one-line registration procedures are available at <https://www.pasteur.fr/en/integrative-structural-biology>

Registration deadline:
13 april 2017

Student/Postdoc 250 €

