

# Bruker PROTEUM2

## Workshop

### AsCA'13 Hong Kong

Monday 9 December 16.00-18.00



[PROTEUM2](#) is one of the world's leading software packages for the structure determination of proteins using single crystal X-ray diffraction (SC-XRD) methods. It incorporates data collection, data processing and structure solution modules. Our user friendly packages are an integral part of all Bruker [SC-XRD solutions](#).

This workshop will provide valuable tips and tricks on using the PROTEUM2 software package and is open and **free** for everybody.

A focus will be on:

- Data processing: integration, scaling, space group determination, anomalous signal
- The interpretation of warning signs, e.g. for twinning
- Structure determination & refinement using SHELXTL and other software packages
- Selection and mounting of specimens suitable for crystal structure analysis
- Discussion of data collection techniques and strategies
- Challenging structures: e. g. twins
- In-house structure determination, e.g. using SAD-phasing

Please, register in time, since the number of participants is limited. Places will be assigned on a first come, first served policy. Participants are expected to bring their own laptop to the workshop with the latest version of PROTEUM2 installed. Non-Bruker users may apply for a temporary license by sending a request by email to [Thanh-Ha.Nguyen@bruker-axs.de](mailto:Thanh-Ha.Nguyen@bruker-axs.de).