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"Our new system is one of three single crystal diffractometers from Bruker that were bought within a short period of time by three groups in Bordeaux.

In addition to the hardware, we are very happy with the performance of the APEX2 software suite included with each of the systems. Expert crystallographers appreciate the ability to fine-tune parameters of the underlying engines used at the different stages of the structure investigation process. On the other hand, occasional users find the software easy to handle as it immediately gives access to tools for automated data collection and structure solution.

A few months after the third system was installed, we attended a training course given by a Bruker application scientist. The clear, extensive, in-depth presentations of the APEX2 software given by the application specialist were particularly useful to give us a deeper understanding of the software package, stimulating a critical analysis of the results. For example, we found that for the automatically processed data and crystal structures, in some cases we could further improve the data quality by slightly tweaking the default parameters.

In addition to the theoretical presentations regular hands-on sessions were held. These sessions were extremely fruitful as we processed data from our home grown crystals and familiarized ourselves with all tools and options for indexing and data integration of multiply twinned modulated samples. Last but not least, we learned how to customize data collection strategies and integration parameters for specific sample environments e.g. for high pressure X-ray diffraction.

In summary the software training given by Bruker offers a great opportunity, even for experienced users, to familiarize themselves with the software. It is conducted by very knowledgeable and friendly staff and leaves no questions unanswered."

## APEX2

- Easy to use for the novice, feature rich for the experts

[www.bruker.com](http://www.bruker.com)

Crystallography