

Advanced Chemical Crystallography Applications Training Class

P/N 862-807900

Bruker AXS Inc

Madison, WI Training Center

Class Size

Because our trainings are interactive and learner-oriented, we limit class size to a minimum of three and a maximum of six. Early enrollment is encouraged as registrations are accepted on a first-come/first-serve basis. We reserve the right to cancel a course if there are less than three registrants four weeks prior to the start date.

Attendance Fee**

The course fee is \$1,320 USD per person.

Bruker Training Facility

Bruker AXS Inc
5465 East Cheryl Pkwy
Madison, WI 53711-5373
USA
1 (800) 234- XRAY

*To get the most out of the class, it is highly recommended that you fly into Madison, Wisconsin (MSN) on Sunday afternoon/evening and fly out late Tuesday or Wednesday.

**Each participant will be provided with class materials, computer and lunch.

About the course

This course is designed for experienced users of the Bruker D8 QUEST or D8 VENTURE systems for X-ray crystal structure determination (chemical crystallography). The course includes instruction and lab time. The training is in English, so participants should have strong English skills.

Course Agenda

This course runs 9am-5pm, Monday & Tuesday* and covers the following:

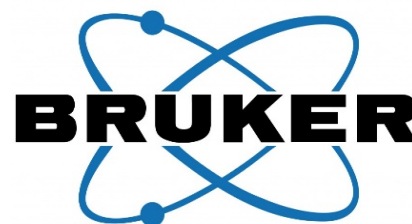
- Discussion of data collection techniques and strategies for difficult problems
 - Small or weakly diffracting samples
 - Unstable or air-sensitive samples
 - Twinned crystals
- Hands-on use of a Bruker single crystal diffraction system with low-temperature device
- Structure determination with APEX3 software suite for challenging samples: disorder and twinning
 - Data collection strategies
 - Advanced data integration and analysis techniques
 - Advanced structure determination and refinement techniques
- Routine maintenance of software and hardware
- Students are encouraged to bring his/her own samples and problem data

For Course Questions Please Contact:

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For Registration and Other Questions:

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