

Which Clinic Should You Attend?

Use our handy Excel Quiz to determine if you should be attending Session I or Session II.

Self-help guideline for XRD knowledge/experience needed for XRD II clinic

| | 0 pts | 1pt | 2pt | Your score |
|---|----------|--------------|------------|------------|
| Experience with X-ray powder diffraction for phase identification | < 1 year | 1-5 years | > 5 years | _____ |
| Use of calibration standards | No | non-routine | routine | _____ |
| Cognizant of preferred orientation problems and particle statistics in sample | No | somewhat | always | _____ |
| Understand X-ray filters and monochromators | No | limited | Yes | _____ |
| Can name the 7 crystal systems | No | with hints | Yes | _____ |
| Understand Miller indices | No | kinda | Yes | _____ |
| Comfortable tailoring the diffractometer experiment to both the specimen and the information being sought | No | occasionally | Yes | _____ |
| Understand space group information: Hermann-Maguin symbols, Wyckoff positions, reflection conditions, symmetry elements | No | 2 of the 4 | all 4 | _____ |
| Use of Rietveld refinement | Never | a few times | frequently | _____ |
| Obtain a sum of 12 or more (or have taken XRD I) before considering XRD II | | | Sum= | _____ |