**16th Canadian Powder Diffraction Workshop 2023 (CPDW)**

**Registration Form**

*In-person workshop – Vancouver, Canada*  *May 23 – 26, 2023*

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| **First name** |  |
| **Last name** |  |
| **Department** |  |
| **Organization** |  |
| **Organization’s Address** |  |
| **Your e-mail address** |  |
| **Degree** (in progress; MSc or PhD − please indicate degree and years into or past the degree) |  |
| **Research area**  (enter 3 keywords/phrases) | 1.  2.  3. |
| **Name, e-mail of your supervisor** |  |
| **Affiliation** | Academic (registration fee $250 CAD per person)  Non-academic (registration fee $500 CAD per person) |
| **Instructions for submission:**  Please fill out this form and send it to [aelam@chem.ubc.ca](mailto:aelam@chem.ubc.ca) (Anita Lam) as soon as possible to ensure a spot in the workshop. Use the subject line “CPDW 2023 registration” in your e-mail.  **Registration deadline is May 1st, 2023.** If there is still space available after the deadline, late registrations will be considered but a late fee will apply.  Please do not send funds for registration until you have been notified of acceptance. Upon acceptance, instructions for payment will be sent to you. | |

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| **Motivation** Describe below your reasons for taking the course and how X-ray crystallography will help you in your research. Describe your current crystallography training and experience. This information will help us fine-tune the workshop. | | |
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| **Software experience**  (indicate crystallographic software you have used and your experience level with it) | **List software used and experience** (use 0-10; with 10 being expert). Eg. HighscorePlus - 5, EVA - 10, TOPAS - 0, GSAS-II - 2, and/or other(s) | |
| **Topics of Interest\***  Indicate priority 1, 2, 3… (1 for highest priority) | | |
| Phase Identification | |  |
| Data handling for multiple scans | |  |
| % Crystallinity, amorphous content | |  |
| Rietveld refinement | |  |
| Quantitative Phase Analysis – Rietveld | |  |
| Crystallite size and strain | |  |
| Indexing and unit cell search | |  |
| LeBail intensity extraction | |  |
| Simulating Powder Diffraction | |  |
| Structure solution from powder data | |  |
| Other topic(s) – please specify: | | |

*\*This will help the instructors understand which topics to prepare for and highlight in discussions and tutorials.*