**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 (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.*