

Program of the V LACA School
San José, Costa Rica
December 1-3, 2022

Time	Thursday	Friday	Saturday
8:30-10:00	Opening Ceremony Hanna A. Dabkowska (IUCr) José Reyes-Gasga (LACA) Andrea Araya (V-LACA)	Application of powder X-ray diffraction to the analysis of polymorphism in pharmaceuticals (Fabio Furlán-Ferreira)	Polymorph Data Mining in the PDF-4/Organics (ICDD: Tom Blanton/JMDelegado)
10:00-10:30	Break		
10:30-12:00	General Introduction to Polymorphism (Jennifer Swift)	Polymorphism in Pharmaceuticals – Structure Determination (James Kaduk)	Polymorph Data Mining in the PDF-4/Organics-Demo (ICDD: Tom Blanton/JMDelegado)
12:00-13:30	Lunch		
13:30-15:00	Solid-state characterization techniques: Single-Crystal and Powder Diffraction (G. Díaz de Delgado)	Solid-state characterization techniques: spectroscopic and thermal analysis techniques (Alejandro P. Ayala)	Phase Transitions (Serena Tarantino)
15:00-15:30	Break		
15:30-17:00	Introduction to the CSD (Natalia Álvarez/Graciela Díaz de Delgado)	Polymorphism in Minerals and Inorganic Materials (Michele Zema)	Polymorphism in the Courtroom - Legal aspects (Jim Kaduk) Closing remarks
17:00-18:30	CSD tools for polymorph assessment and prediction (Suzanna Ward and Ilaria Gimondi / CCDC)	Polymorphism in Nanomaterials (Diego Lamas)	