

Polymers Subcommittee
Wednesday, 13 March 2019
1:00 pm – 2:00 pm
L. Liu, Chairman

1. Call to Order and Opening Remarks L. Liu
2. Appointment of Minutes Secretary S. Jennings
3. Roll Call and Attendance
4. Review of Mission Statement

Enable the polymer scattering/diffraction community to make the best use of diffraction/scattering data for analyzing polymeric materials. This includes producing databases, promoting best practices for data analysis, campaigning the national laboratories and instrument manufacturers for polymer-friendly instrumentation and software, and educating the diffraction community about issues that have a special impact on polymer characterization, and the polymer community on the significance of careful and thorough evaluation of the diffraction data.

5. Approval of the 2018 Meeting Minutes

6. Report of Board Liaison J. Kaduk

J. Kaduk reported that no motions were made last year to the Board of Directors. He stated that headquarters had been busy adding polymer data to the database. Most of the data was collected at ICDD headquarters. M. Rost stated that over the past year ICDD focused on excipient polymers-carboxymethylcellulose, sodium polyacrylate series, and different starches.

T. Blanton presented information on where the Polymers project stands for the 2020 release of the PDF[®] database. With release 2019, the Polymers project reached the century mark with how many raw data patterns were added to the database. A list of patterns that will be released in 2020 was displayed. Tom stated that ICDD wanted to add more fluorinated, biodegradable, and pharmaceutical polymers in the future. See T. Blanton's presentation.

7. Discussion about what polymer patterns are most needed L. Liu

L. Liu offered to send biodegradable polymer samples to ICDD for the staff to analyze. L. Liu will work on getting the samples to ICDD Headquarters. T. Fawcett will work on running Saran samples with M. Rost.

8. Future Focus General

9. Adjournment