

Electron Diffraction Subcommittee
Wednesday March 13, 2013
Bryan Wheaton, Chairman

Called to order by Bryan Wheaton.

Minutes were accepted as written.

Amy Gindhart was appointed minute's secretary.

Bryan went through the mission statement of the Electron Diffraction subcommittee. He asked if changes should be made to the mission statement. No changes will be made.

The Electron Diffraction Subcommittee serves as a bridge between the electron diffraction community and the other parts of ICDD. It will communicate the needs of electron diffractionists to ICDD, so that ICDD may more effectively respond to those needs. It will assist in communicating to the electron-diffraction community the way in which ICDD will serve them. To these ends, it will cooperate with other ICDD subcommittees and with the central organization of ICDD. Specifically, the subcommittee shall monitor the status of and suggest improvements to the databases and related products used in electron diffraction (those produced by other organizations, as well as those produced by ICDD).

No board of director's liaison report was given.

User Survey Results

Tim Fawcett- 20% of the PDF users are using electron diffraction.

He also reported that the electron diffraction tutorials on the ICDD website have been quite popular.

Software Updates

In the last 3 or 4 years, Headquarters has kept improving calculations in the database and continues to improve with each release. Last year, the ICDD put in orientation functions. T. Fawcett believes the ICDD has done 12 of the 12 original list items for the electron diffraction part of the product and needs a new list. He will need the help of the subcommittee to create a new list in the future.

C. Crowder- SLeve+ search mentioned at last year's subcommittee meeting has been implemented in the 2012 product.

H. McDonnell- The sales are up from last year of databases to two of the companies that sell to EBSD clients.

Marketing Department has not had much luck getting OEMs that want to help the ICDD with incorporating the PDF databases into their instrumentation/characterization techniques.

B. Wheaton mentioned that his software for TEM can't import CIFs, so it's not an easy option to get our data into his software.

Status of Electron Diffraction Software Updates

No real updates to report for the 2013 release due to the primary staff member working on the electron diffraction portion resigning back in August 2012.

New Business

John Friel -

E26.27 paper now published (grain size standard)

A paper was also published on the round robin data mentioned at last year's subcommittee meeting. That paper has been sent to ASTM, but he is not sure when that will be available.

Suggestions

B. Wheaton wants to talk to the Denver X-ray Conference Organizing Committee about setting up a session on EBSD and mentioned it is a good way to get more people interested and involved.

No motions were presented.

Adjournment