

Education Subcommittee Meeting Minutes
Wednesday, 15 March 2017
International Centre Headquarters
Conference Room D
3:00 – 4:00 p.m. - meeting
C. Segre, Chairman

1. Call to Order and Opening Remarks C. Segre
2. Appointment of Minutes Secretary – Eileen Jennings
3. Approval of Minutes of March 2016 – no objections
4. Review of Mission Statement

The Education Subcommittee shall be responsible for developing educational materials, implementing workshops, audio-visual programs, and special sessions at meetings concerned with the acquisition and utilization of diffraction data with emphasis on the PDF and its manual and automated search/match systems. Also, it encourages the teaching of powder diffraction methods in educational institutions. The Education Subcommittee will be responsible for assembling information about X-ray safety and providing lists and links regarding software tools for powder diffraction and X-ray fluorescence.

5. ICDD Staff Reports

Clinics and Workshops

E. Jennings

XRF was cancelled, due to low attendance. XRD dates were changed to May to accommodate PPXRD moving to June. XRD I had eighteen attendees, XRD II had seven attendees, with low numbers it was decided to change back to June in 2017. Rietveld Refinement & Indexing, held in the fall, had seven attendees for the full week and one attendee for the basic portion. At the conclusion of the course the attendees are asked to complete individual evaluations, the faculty and staff then meet to discuss the evaluations and to make any necessary changes for the future. With the low attendance numbers in XRD II and Rietveld Refinement we were able to cut back on faculty members so the course could proceed. Since ICDD doesn't have in-house XRF faculty members, cutting back on faculty instead of canceling wasn't an option.

We are trying different strategies for 2017. ICDD offered a reduced registration fee for all clinics/workshops and as of today, XRF has eleven attendees and the course won't be cancelled. After much discussion, we are changing up the way the materials are distributed, while in class the attendees will be using the e-tablet, but will be taking the material home on an encrypted USB stick. In 2013, ICDD initiated using the e-tablets hoping to entice people, over the years we found that it hasn't made much of a difference. The past couple of years we have offered the USB stick as an option since some of the attendees aren't able to bring the e-tablet into their place of employment.

We are also looking to develop a few webinars to attract attendees to the clinics/workshops. We are still working out the details.

Denver X-ray Conference and Pharmaceutical Powder X-ray Diffraction Symposium

D. Zulli

PPXRD-14 took place on Sanibel Island, Fort Myers, FL. During the symposium, attendees experienced a hurricane, endured a "tornado watch" and in the middle of the night, had a hotel evacuation! PPXRD workshop had eighteen attendees and the symposium had thirty-seven attendees; PPXRD is a small event, but that being said, ten countries were represented which is great for an international company. The evaluations were positive. DXC 2016 was a *huge* success, we sold out of exhibit space, which hasn't happened in the twenty years that I've been conference coordinator. ICDD and DXCOC took the conference to Rosemont, IL located just outside of downtown Chicago. Registration numbers were up and we nearly doubled the number of student's participating in all aspects of the conference. This move to the Chicago area was based on requests from the exhibitors.

PPXRD-15 will be held in Hyderabad, India, 18 August. PPXRD will be a satellite meeting to the IUCr meeting, it will run a few days before IUCr.

For 2017, DXC is headed back to Big Sky, MT, abstract submissions have already exceeded 2014 numbers, we're hoping for a good turnout.

Future DXC Venues/Dates:

Westminster Colorado 6-10 August 2018

Lombard Chicago 5-9 August 2019

6. Board of Directors' Liaison Report X. Chen

Since there were no motions last year there is nothing to report from the BoD
7. New Business

Three Motions – do we support or not?

Motion#1 - The Education Subcommittee requests that ICDD Staff effort be assigned to exploring the possible reduction in the duration of workshops and clinics by having lectures prepared and viewed in advance online. Estimates of possible time and cost savings are to be reported to the Education Subcommittee.

C. Segre – Explicitly have report on what are the costs, and what are the savings.
XL Chen second, five in favor, zero opposed

Motion#2 - The Education Subcommittee requests that ICDD Staff effort be assigned to developing a cost model for the preparation and delivery of online lectures and training. Possible options and costs to be reported to the Education Subcommittee should cover in-house preparation (with staffing costs), contracting to professional for-profit company, and contracting to university with online course experience.

C. Segre – Idea here, should ICDD be in the game of providing more online courses? First step would be to figure out the cost. C. Crowder - motivation behind this – replace or augmenting in-house clinics. T. Maguire – to augment clinic – possibly cut clinic time down to three days at headquarters. C. Segre – limit time students are away from work. The intention of the webinars would be to supply the lectures that attendees would review before attending the clinic. At this point in time the education webinars would only be available to attendees. D. Taylor – We could offer to overseas folks who possibly can't attend in-house clinics. C. Ruud – how would you be sure the attendees took the online lectures prior to attending? C. Segre – possible quiz at the end of the lecture. T. Maguire – once we come up with cost model we could develop down the road how to use the courses.
L. Liu second, five in favor, zero opposed

After much discussion **Motions #1 & #2** were transposed from the original order.

Motion#3 The Education Subcommittee requests that ICDD Staff effort be assigned to assessment of need for training videos in support of the PDF 4+ database product. The report to the Education Subcommittee will include projections of benefit to sales of PDF 4+ if possible.

S Gates-Rector - would this take the place of what we already have? C. Segre –Yes, what we have now are power points, I was thinking actual videos, could be tutorials. Question is – Would this help sell product? C. Crowder – tutorials aren't updated each year, this is very time consuming – training videos would need to be updated yearly. We could send a link with the product telling everyone where to find videos. M. Kottenhahn – I would suggest making shorter videos to explain the product rather than 1 or 2 longer ones. These could probably be done in-house. C. Crowder – would have to make this part of the production schedule. D. Taylor – would we really have to update yearly? Is there much of a difference? C. Crowder – Yes, the screen shots are different each year. C. Crowder - All we're deciding today is to have an assessment done to find out the costs. C. Segre – Yes, have an assessment, no commitment to change.

C. Crowder second – five in favor, zero opposed

8. Adjournment