

Minutes for Non-Ambient Meeting

19 March 2014

Scott Speakman, Chairman

1. Review mission statement.
2. 2013 Minutes approved.
3. Liaison report–
 - a. Discussion of CTE plotting tutorial for new capability in PDF4
4. New business
 - a. Identify important sample series for database
 - b. What is a star non-ambient pattern
 - i. How do we evaluate the quality of the temperature and pressure information; what would we need to capture in comments to offer advice?
 - c. Best practices task group needs to meet at DXC2014
 - i. Scott Misture, Scott Speakman, Matt Suchomel, Andrew Payzant, Bryan Wheaton
 - ii. Non-ambient best practices, temperature calibration standards, and data capture in PDF-4
 - iii. Tutorial for ICDD website and paper in Powder Diffraction
 - iv. Motion: Request for \$2000 for task group meeting on “Non-ambient best practices, temperature calibration standards, and data capture in PDF-4” to be held at DXC2014. Goal: (1) is to produce Tutorials for ICDD website and papers in Powder Diffraction; (2) provide guidance on treatment of other non-ambient data in PDF (humidity, electric field, etc.).
 1. Moved by Payzant, second by Faber; unanimous vote. ~13 yes, 0 no.
 - v. Start with Mark Rodriguez publication in Industrial Standards on HTXRD.
 - vi. LT standard with peak splitting at 12K, Matt Suchomel is using
 - d. Samples with humidity and electric field are not flagged with non-ambient flag
In-situ is a new keyword in the comments for data collected with other non-standard environments in the PDF2014 product
 - e. Scott Misture looking for papers on in-situ and in-operandi papers for JMR paper, due in June
5. Meeting adjourned.