APS END OF EXPERIMENT FORM

EEF Created date: 08/09/2018

Beamline:	13-BM-C	**Experiment ID:**	131999
Exp. Start Date:	01-AUG-18	**Exp. End Date:**	04-AUG-18
Spokesperson:	Heaney, Peter	**Experiment Host:**	ENG, PETER J.
Form Filled Out By:	Chen, Si	**Institution:**	The Pennsylvania State University
Experiment Title:	Time-resolved X-ray diffraction of the hydrothermal crystallization of Fe hydroxides from aqueous solutions		

Question 1: Please rate your satisfaction with the following aspects of this experiment. (mandatory)

Add comments for any especially positive or negative experience. If the item doesn't apply to you, choose n/a.

1-Highly Satisfied; 2-Satisfied; 3-Neither satisfied nor unsatisfied;4-Unsatistifed;5-Very unsatisfied;

Available choices and answer(s):

Pre-arrival support from the User Office :1

Pre-arrival shipping and handling:1

Support from the beamline staff:1

X-ray optics at the beamline:1

Control and data-acquisition software at the beamline:1

Data analysis software at the beamline:1

Detectors:1

Post-experiment arrangements for shipping and handling:1

Question 2: Was the beamline performance satisfactory? What improvements would you like to see?

Available choices and answer(s):

Yes: selected

No

User Comments: The synchrotron instrument in 13-BM-C beamline worked really well with the help from the beam line scientists.

Question 3: Were the capabilities of the ancillary laboratories sufficient (Chemistry Lab, Laser Lab, DAC Lab, LVP Lab) ? What improvements would you like to see?

Please be specific which facility your comments pertain to.

Available choices and answer(s):

Yes: selected

No

Question 4: Were available sample environments suitable? What improvements would you like to see?

Available choices and answer(s):

Yes: selected

Somewhat

No

Question 5: Did data acquisition and control software operate satisfactorily? What improvements would you like to see?

Available choices and answer(s):

Yes: selected

Somewhat

No

User Comments: Data collection was easy and straightforward. I'd love to see a new Jade version if possible.

Jade helps to determine the mineral phase from huge databases.

Question 6: Were the initial data reduction, evaluation and analysis sufficient? What improvements would you like to see?

Available choices and answer(s): *Yes: selected*

Somewhat

No

Question 7: Were you satisfied with the support provided by GSECARS staff? What improvements would you like to see?

Available choices and answer(s): *Yes: selected*

Somewhat

No

User Comments: Both Peter and Joanne are very nice, considerate, and helpful beamline scientists.

Question 8: Were you satisfied with the quality of training (safety training, sector orientation, experiment-specific training)? What improvements would you like to see?

Please be specific which type of training your comments pertain to.

Available choices and answer(s): *Yes: selected*

Somewhat

No

Question 9: Did you contact GSECARS staff prior to your beamtime and did you have your questions and concerns adequately answered?

Available choices and answer(s): *Yes: selected*

No

User Comments: Joanne is responsive and patient. The chemicals and instruments are always ready when I came in.

Question 10: If you used the Gas Loading System, were you satisfied with the results and the level of user support? What improvements would you like to see?

Available choices and answer(s): *Yes: selected*

Somewhat

No

Not applicable

Question 11: Did you have sufficient beamtime to carry out your experiment for this visit ? If no, please comment on why.

Available choices and answer(s): *Yes: selected*

No

Question 12: How would you rate your overall experience at GSECARS. Please comment and add suggestions for improvement.

Available choices and answer(s): *Excellent: selected*

Above average

Satisfied

Several areas need improvement

Dissatisfied

User Comments: I had very successful trip this time. Many thanks to the 13-BM-C beamline scientists, Peter and Joanne, who helped everything goes well and being supportive all the time. Special thanks to Michael who helped me in sample preparation.