

# APS END OF EXPERIMENT FORM

EEF Created date: 12/18/2017

**Beamline:** 3-ID-B,C,D

**Experiment ID:** 119815

**Exp. Start Date:** 03-OCT-17

**Exp. End Date:** 09-OCT-17

**Spokesperson:** Zhang, Dongzhou

**Experiment Host:** ZHAO, JIYONG

**Form Filled Out By:** Zhang, Dongzhou

**Institution:** University of Hawaii at Manoa

**Experiment Title:** Melting of solid krypton at high pressures

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :n/a

Pre-arrival shipping and handling:n/a

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:n/a

# APS END OF EXPERIMENT FORM

EEF Created date: 04/16/2018

**Beamline:** 3-ID-B,C,D

**Experiment ID:** 120212

**Exp. Start Date:** 13-OCT-17

**Exp. End Date:** 16-OCT-17

**Spokesperson:** Ji, Cheng

**Experiment Host:** ZHAO, JIYONG

**Form Filled Out By:** Ji, Cheng

**Institution:** Carnegie Institution of Washington

**Experiment Title:** Studying the interaction of Kr and H<sub>2</sub> in Kr(H<sub>2</sub>)<sub>4</sub> compound at ultrahigh pressure by NRIXS

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :n/a

Pre-arrival shipping and handling:n/a

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:n/a

# APS END OF EXPERIMENT FORM

EEF Created date: 11/03/2017

**Beamline:** 3-ID-B,C,D

**Experiment ID:** 120944

**Exp. Start Date:** 26-OCT-17

**Exp. End Date:**

**Spokesperson:** Shahar, Anat

**Experiment Host:** ZHAO, JIYONG

**Form Filled Out By:** Shahar, Anat

**Institution:** Carnegie Institution of Washington

**Experiment Title:** The effect of pressure on the iron isotope fractionation of silicate glass

## 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-Unsatisfied;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

User Comments: Perfect beamtime!

# APS END OF EXPERIMENT FORM

EEF Created date: 02/06/2018

---

<b>Beamline:</b> 3-ID-B,C,D	<b>Experiment ID:</b> 124382
<b>Exp. Start Date:</b> 31-JAN-18	<b>Exp. End Date:</b>
<b>Spokesperson:</b> Dauphas, Nicolas	<b>Experiment Host:</b> HU, MICHAEL Y.
<b>Form Filled Out By:</b> Hu, Jingya	<b>Institution:</b> The University of Chicago
<b>Experiment Title:</b> NRXS study in equilibrium fractionation of europium in synthesized glass: exploration of new proxy for redox conditions in nature	

---

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :2

Pre-arrival shipping and handling:n/a

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:n/a

# APS END OF EXPERIMENT FORM

EEF Created date: 03/26/2018

---

<b>Beamline:</b> 3-ID-B,C,D	<b>Experiment ID:</b> 125661
<b>Exp. Start Date:</b> 01-MAR-18	<b>Exp. End Date:</b>
<b>Spokesperson:</b> Materne, Philipp	<b>Experiment Host:</b> ZHAO, JIYONG
<b>Form Filled Out By:</b> Materne, Philipp	<b>Institution:</b> Argonne National Laboratory
<b>Experiment Title:</b> Electronic phase diagram of LaFeAsO under pressure - coexistence of magnetism and superconductivity or phase separation?	

---

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :n/a

Pre-arrival shipping and handling:n/a

Support from the beamline staff:1

X-ray optics at the beamline:1

Control and data-acquisition software at the beamline:2

Data analysis software at the beamline:2

Detectors:1

Post-experiment arrangements for shipping and handling:n/a

# APS END OF EXPERIMENT FORM

EEF Created date: 06/05/2018

**Beamline:** 3-ID-B,C,D

**Experiment ID:** 129396

**Exp. Start Date:** 01-JUN-18

**Exp. End Date:**

**Spokesperson:** Ko, Byeongkwan

**Experiment Host:** ALP, ESEN E.

**Form Filled Out By:** Ko, Byeongkwan

**Institution:** Arizona State University

**Experiment Title:** Valence Electron States of Iron in Ca-Bearing Bridgmanite

## 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-Unsatisfied;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

# APS END OF EXPERIMENT FORM

EEF Created date: 06/28/2018

**Beamline:** 3-ID-B,C,D

**Experiment ID:** 129963

**Exp. Start Date:** 12-JUN-18

**Exp. End Date:** 20-JUN-18

**Spokesperson:** Chen, Bin

**Experiment Host:** ZHAO, JIYONG

**Form Filled Out By:** Chen, Bin

**Institution:** University of Hawaii at Manoa

**Experiment Title:** Acoustic Properties of Fe3P up to Core Pressures by Nuclear Resonant Inelastic X-ray Scattering

## 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-Unsatisfied;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

# APS END OF EXPERIMENT FORM

EEF Created date: 08/09/2018

---

<b>Beamline:</b> 3-ID-B,C,D	<b>Experiment ID:</b> 130284
<b>Exp. Start Date:</b> 20-JUN-18	<b>Exp. End Date:</b> 22-JUN-18
<b>Spokesperson:</b> Materne, Philipp	<b>Experiment Host:</b> ZHAO, JIYONG
<b>Form Filled Out By:</b> Materne, Philipp	<b>Institution:</b> Argonne National Laboratory
<b>Experiment Title:</b> Electronic phase diagram of LaFeAsO under pressure - coexistence of magnetism and superconductivity or phase separation?	

---

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :n/a

Pre-arrival shipping and handling:n/a

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:n/a



# APS END OF EXPERIMENT FORM

EEF Created date: 08/09/2018

---

<b>Beamline:</b> 3-ID-B,C,D	<b>Experiment ID:</b> 130366
<b>Exp. Start Date:</b> 22-JUN-18	<b>Exp. End Date:</b> 25-JUN-18
<b>Spokesperson:</b> Mukkattu Omanakuttan, Ajith	<b>Experiment Host:</b> ZHAO, JIYONG
<b>Form Filled Out By:</b> Materne, Philipp	<b>Institution:</b> Max-Planck Institute for Chemical Physics of Solids
<b>Experiment Title:</b> Microscopic magnetic phase diagram of LuFe4Ge2 under pressure	

---

## 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-Unsatisfied;5-Very unsatisfied;

Available choices and answer(s): Pre-arrival support from the User Office :n/a

Pre-arrival shipping and handling:n/a

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:n/a

# APS END OF EXPERIMENT FORM

EEF Created date: 10/18/2018

---

<b>Beamline:</b> 3-ID-B,C,D	<b>Experiment ID:</b> 134041
<b>Exp. Start Date:</b> 13-OCT-18	<b>Exp. End Date:</b> 18-OCT-18
<b>Spokesperson:</b> Shatruk, Michael	<b>Experiment Host:</b> ZHAO, JIYONG
<b>Form Filled Out By:</b> Shatruk, Michael	<b>Institution:</b> Florida State University
<b>Experiment Title:</b> 151Eu synchrotron Mossbauer spectroscopy study of the temperature and pressure dependence of intermediate valence and magnetic ordering in Ca <sub>1-x</sub> Eu <sub>x</sub> Co <sub>2</sub> As <sub>2</sub>	

---

## 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-Unsatisfied;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