



NSUF Users Organization Meeting

February 27-28, 2020

Marriott Marquis

*333 W Harbor Dr.
San Diego, CA 92101*

Objective: Provide a formal venue to capture valued input from NSUF partner facilities and users

Attire: Business Casual

Thursday, February 27

Marriott Marquis

La Costa Room

- 1:00 Opening Remarks and Welcome..... Rory Kennedy
Director, NSUF
- Peter Hosemann**
Department Chair, Associate Professor, University of California, Berkeley
Chair, NSUF Users Organization
- 1:15 NSUF Facility FY 2019 Update Flash Talks
- 1:20 Idaho National Laboratory Brenden Heidrich
Chief Irradiation Scientist, Nuclear Science User Facilities
- 1:25 SCK-CEN Steven van Dyck
Reactor Manager, SCK CEN
- 1:30 University of Florida Assel Aitkaliyeva
Assistant Professor, University of Florida
- 1:35 Massachusetts Institute of Technology Gordon Kohse
Interim Director, MIT Nuclear Reactor Laboratory
- 1:40 Sandia National Laboratories Khalid Hattar
CINT Scientist, Sandia National Laboratories
- 1:45 University of Wisconsin Hongliang Zhang
Postdoctoral Researcher, University of Wisconsin
- 1:50 University of California, Berkeley Peter Hosemann
Department Chair, Associate Professor, University of California, Berkeley
- 1:55 Purdue University Janelle Wharry
Assistant Professor, Purdue University
- 2:00 The Ohio State University Praneeth Kandlakunta
Research Staff Member, The Ohio State University
- 2:05 Argonne National Laboratory MeiMei Li
Group Manager, Nuclear Materials
Argonne National Laboratory
- 2:10 North Carolina State University Ayman Hawari
Director, Nuclear Reactor Program
North Carolina State University

- 2:15 Brookhaven National Laboratory Lynne Ecker
*Chair, Department of Nuclear Science and Technology
Brookhaven National Laboratory*
- 2:20 Los Alamos National Laboratory Tarik Saleh
Scientist, Los Alamos National Laboratory
- 2:25 Westinghouse Mike Ickes
Senior Engineer, Westinghouse
- 2:30 Oak Ridge National Laboratory Kory Linton
*Program Manager, Nuclear Fuels and Materials
Oak Ridge National Laboratory*
- 2:35 Center for Advanced Energy Studies Yaqiao Wu
*Lead, Microscopy and Characterization Suite
Center for Advanced Energy Studies*
- 2:40 University of Michigan Kevin Field
Associate Professor, University of Michigan
- 2:45 Pacific Northwest National Laboratory Ramprashad Prabhakaran
Materials Scientist, Pacific Northwest National Laboratory
- 2:50 Q&A

3:15 Break

3:30 Partner Facilities Panel Discussion

This panel discussion will serve as an opportunity for user facilities to share what is and is not working as well as talk with NSUF Program Office staff about how to continue the success of NSUF.

This segment is intended to be a platform to communicate the needs, concerns and outcomes of the various user facilities.

Questions that may be of interest: Outreach efforts and highlights of NSUF facilities, baseline funding for staffing and equipment upkeep, user support, do we see a shift in how users interact with the facilities?

Moderator: Rory Kennedy

*Department Chair, Associate Professor, University of California, Berkeley
Chair, NSUF Users Organization*

Panelists: Dan Ogden

Deputy Director, NSUF

Brenden Heidrich

Chief Irradiation Scientist, NSUF

5:00 Dinner on own

Marina Ballroom E

6:30 NSUF Partner Organization Poster Presentation

This poster session will serve as an opportunity for NSUF partner facilities to highlight their facilities.

There will be a cash bar.



Friday, February 28

Del Mar Room

8:00 NSUF FY 2019 Updates..... Rory Kennedy
Director, NSUF

9:30 NSUF Users Group Overview..... Peter Hosemann
*Department Chair, Professor, University of California, Berkeley
Chair, NSUF Users Organization*

10:00 Break

10:15 Low Temperature Deformation Mechanisms in Irradiated and
Laser-Welded 304L Stainless Steel..... Janelle Wharry
Assistant Professor, Purdue University

10:45 Irradiation Induced Microstructure Evolution Effect on
Mechanical Properties in Steels Ryan Schoell
Graduate Student, North Carolina State University

11:15 NSUF award #14704 update: PIE progress of the
MORPH experiment Assel Aitkaliyeva
Assistant Professor, University of Florida

11:30 Irradiation-assisted Stress Corrosion Cracking of PWR-irradiated
Type 347 Stainless Steel..... Mike Ickes
Senior Engineer, Westinghouse

12:00 Lunch on own

1:30 User Panel Discussion

This panel discussion will serve as an opportunity for users to share what is and is not working as well as talk with NSUF Program Office staff about how to continue the success of NSUF.

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Panelists: Rory Kennedy
Director, NSUF

Dan Ogden
Deputy Director, NSUF

Brenden Heidrich
Chief Irradiation Scientist, NSUF



Simon Pimblott
Chief Post Irradiation Scientist, NSUF

3:30 Adjourn