

FAST REACTOR WORKING GROUP (FRWG)/DOE FAST REACTOR WORKSHOP

HOSTED BY FRWG, DOE-NE GAIN AND ART PROGRAMS

ARGONNE NATIONAL LABORATORY
BUILDING 240, CONFERENCE ROOM 1416
JULY 9-10, 2019

July 9, 2019 – Day 1

- 11:30 AM Arrive to Argonne Information Center for gate badge
- 12:00 PM Welcome and Logistics Hill, ANL
- 12:15 PM Industry Fast Reactor Working Group DeWitte, Oklo
(identify participants, why FRWG exists)
- 12:30 PM DOE Advanced Reactor Activities and Programs DOE
(overall Advanced Reactor endorsement and DOE initiatives)
- 13:00 PM Industry Perspectives: Fast Reactor Prospects:
Why fast reactors? Why now? What are R&D Needs?
Fast Reactor Industry Representatives of 3-4 Companies
- 14:30 PM *Break*
- 15:00 PM DOE Advanced Reactor Technologies Program DOE
Fast Reactor R&D Status Report Lab
- 16:00 PM Facility Tours
METL, materials testing, components testing, severe accident phenomena
- 18:00 PM Hosted Reception
Sponsored Chicago deep dish pizza and drinks

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July 10, 2019 – Day 2

9:00 AM	Fast Reactor Modeling and Simulation Validation status and NEAMS tools Discussion on design tool and licensing needs	Lab Industry
10:00 AM	Materials development with focus on new alloys SFR, LFR, GFR, MSR perspectives	Lab and Industry
11:00 AM	<i>Break</i>	
11:30 AM	Fast Reactor Experience: Knowledge Preservation and Databases Example of FIPD database	Sofu, ANL
12:15 PM	Speaker	
13:30 PM	Industry Perspectives: Fast Reactor Fuel Cycle – What strategies are being targeted? How to communicate benefits? How to address non-proliferation concerns Fast Reactor Industry Representatives of 3-4 Companies	
14:30 PM	Versatile Test Reactor (VTR) Update	Lab
15:30 PM	Closing Remarks	DeWitte, Oklo Hill, ANL DOE