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INFUSE Mini-Workshop FY2024

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Townhall Meeting
November 9, 2023

Annual Workshop – History

- Since 2019, INFUSE has conducted an annual workshop:
 - FY20, Nov. 22-23, 2019, Knoxville, TN, focus on laboratory capabilities
 - FY21, Dec. 2-1, 2020, virtual, co-sponsored with EPRI and FIA
 - FY22, Dec. 16, 2021, virtual, expansion to universities
 - FY23, Oct. 17-18, 2022, Spokane, WA, part of Public-Private
 Partnerships mini-conference in conjunction with the 64th Annual
 Meeting of the APS Division of Plasma Physics (DPP)



In-person workshop

 "We can get good participation in a virtual meeting. Why meet in-person?"

What are some of the benefits of an in-person meeting (versus)

virtual)?

Networking with colleagues, partners, and prospective partners

- Learning about capabilities in national labs and universities
- Touring an individual lab to get a "hands-on" understanding of capabilities



https://forms.office.com/g/wQrw3TghMj



1. What type of organization to you represent?

More Details

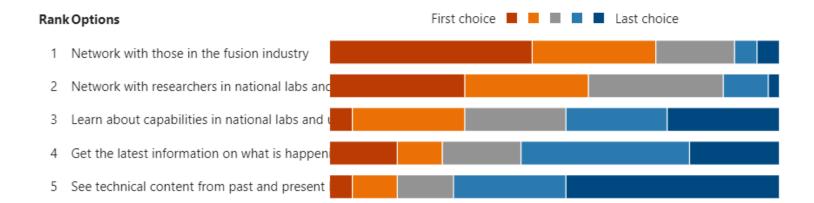


2. Is it likely that you would attend an in-person workshop at Princeton Plasma Physics Laboratory in late February or early March?



3. If you would attend, rank what the most important parts of attending an in-person workshop would be.

40 Responses





INFUSE for promoting equity and inclusion in research

- How can the INFUSE program aid in promoting equity and inclusion?
- Survey question #2



INFUSE development

- Can INFUSE be involved in other ways to promote public-private partnerships?
- Survey question #3



Survey 2		Survey 3	
Poll ended 2 questions 54 of 57 (94%) participated		Poll ended 2 questions 47 of 55 (85%) participated	
1. What type of organization do you represent? (Single Choice) * 54/54 (100%) answered		1. What type of organization do you represent? (Single Choice) * 47/47 (100%) answered	
Private Company	(30/54) 56%	Private Company	(26/47) 55%
National Laboratory	(21/54) 39%	National Laboratory	(18/47) 38%
University	(3/54) 6%	University	(3/47) 6%
Other	(0/54) 0%	Other	(0/47) 0%
2. Which of the following would you be likely to include as a part of an INFUSE project as a means of trying to diversify the workforce? (choose any) (Multiple Choice) *		2. What other activities do you think that INFUSE should be involved in to support public-private partnerships? (Multiple Choice) *	
54/54 (100%) answered		47/47 (100%) answered	
Hiring a student intern / co-op	(36/54) 67%	Scheduling organized tours of DOE labs and fusion relevant facilities	(17/47) 36%
Engage in technical dialogue with minority serving institution staff and students	(27/54) 50%	Meetings and surveys regarding supply chain needs	(26/47) 55%
Collaborate with minority serving institution faculty	(22/54) 41%	Scheduling workshops on topics that are critical to the fusion industry	(35/47) 74%
Other	(10/54) 19%	Other	(6/47) 13%

INFUSE Request for Assistance

- Should the amount of maximum award be reconsidered?
- Survey question #4
- What is an appropriate frequency for an RFA call?
- Survey question #5



Survey 4		Survey 5	
Poll ended 2 questions 48 of 55 (87%) participated		Poll ended 2 questions 53 of 55 (96%) participated	
1. What type of organization do you represent? (Single Choice) * 48/48 (100%) answered		1. What type of organization do you represent? (Single Choice) * 53/53 (100%) answered	
Private Company	(25/48) 52%	Private company	(30/53) 57%
National Laboratory	(20/48) 42%	National Laboratory	(20/53) 38%
University	(3/48) 6%	University	(3/53) 6%
Other	(0/48) 0%	Other	(0/53) 0%
2. What would be the preferred maximum size for an INFUSE award? (Single Choice) * 48/48 (100%) answered		2. How frequently should INFUSE Requests for Assistance (RFAs) come out? (Single Choice) * 53/53 (100%) answered	
\$250k	(4/48) 8%	Once a year	(10/53) 19%
\$375k	(12/48) 25%	Twice a year (universities only included once)	(30/53) 57%
\$500k	(28/48) 58%	Four times a year (rolling submissions, with universities still once a year)	(13/53) 25%
As Large as possible	(4/48) 8%	Other	(0/53) 0%

Metrics for INFUSE success

- What are the most important products that you expect from an INFUSE award?
- Survey question #6



Survey 6

Poll ended | 2 questions | 52 of 56 (92%) participated

1. What type of organization do you represent? (Single Choice) *

52/52 (100%) answered

52/52 (100%) answered	
Private company	(29/52) 56%
National Laboratory	(19/52) 37%
University	(4/52) 8%
Other	(0/52) 0%
2. What is the most important thing that you expect to get out of an INFUSE award? (Single Choice) * 52/52 (100%) answered	
Basic R&D to develop new technologies	(11/52) 21%
Help to reach a technical objective	(26/52) 50%
Risk mitigation	(7/52) 13%
Results to motivate new funding	(7/52) 13%
Other	(1/52) 2%

