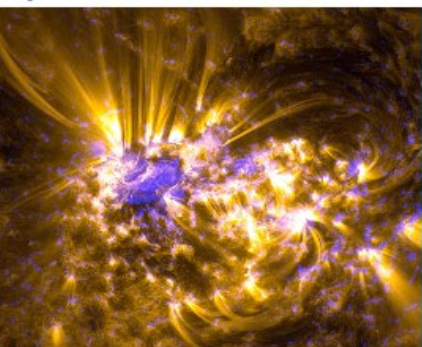


URL: <https://infuse.ornl.gov>
Email: infuse@ornl.gov

Webinar 07/28/2022

A. Lumsdaine & W. Guttenfelder

Q&A for 2022 2nd RFA Call



Innovation Network for Fusion Energy

The INFUSE program will accelerate fusion energy development in the private sector by reducing impediments to collaboration involving the expertise and unique resources available at DOE laboratories and universities. This will ensure the nation's energy, environmental and security needs by resolving technical, cost, and safety issues for industry.

[Read More](#)

INFUSE program announces new leadership team



What's New

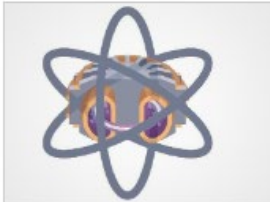


Contact Us



Activities & Events

Newsroom <https://infuse.ornl.gov/>



2nd Round 2022 RFA Call is Posted

The second round for 2022 RFA has been posted, and will open for submission on August 2.

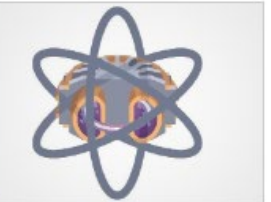
[Read More](#)



IAEA posts job opportunity for nuclear expert in fusion technology

IAEA job posting

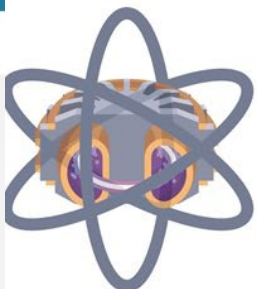
[Read More](#)



INFUSE program announces new leadership team.

INFUSE program changes leadership.

[Read More](#)



INFUSE Innovation Network for Fusion Energy



Dennis Youchison

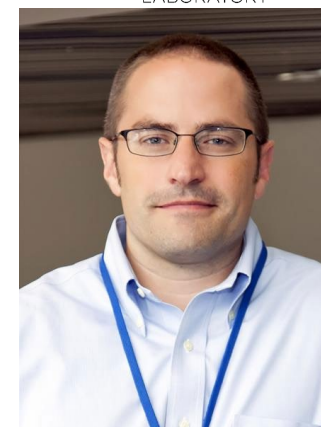


Arnold Lumsdaine, ORNL
INFUSE Director

Thank you to the outgoing leadership team who led the launch of INFUSE and its growth in the last 3 years!



Ahmed Diallo



Walter Guttenfelder, PPPL
INFUSE Deputy Director

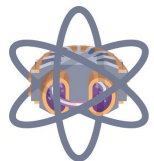
Introduction of the new leadership team who hope to build on the program's success.

INFUSE Overview

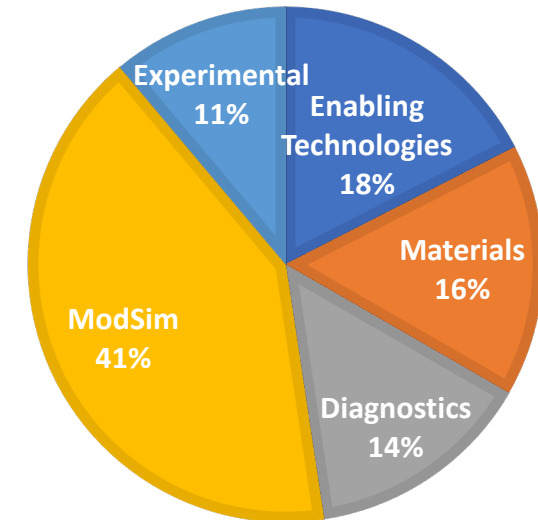
The objective of INFUSE is to provide private-sector fusion companies access to the expertise and facilities of DOE's national laboratories and (since FY 2022) U.S. academic institutions to overcome critical scientific and technological hurdles in pursuing development of fusion energy.

AWARDS

- **62** projects funded to date with a total value of **\$12.4M**
- Awards were made to **19** private companies partnering with **9** DOE labs and **8** U.S. Universities.
- Detailed list: https://infuse.ornl.gov/wp-content/uploads/2022/07/Cumulative_AwardList_wAbstracts.pdf



AWARDED TOPICAL AREAS



TOPICAL AREAS

- 1) Enabling Technologies
- 2) Materials Science
- 3) Plasma Diagnostics
- 4) Modeling and Simulation
- 5) Unique Fusion Experimental Capabilities

PARTICIPATING LABORATORIES



Eligibility Requirements

- **Eligible Applicants:** Private companies incorporated in the United States (can be a foreign owned subsidiary).
- **Eligible Partner Institutions:** Any DOE national laboratory with unique capability that is not available in the private sector. Partners must agree to work (record of discussion). *Institutions of Higher Education are not eligible for the 2nd round RFA. It is expected that they will be included in the 1st round FY 2023 RFA.*
- **Award size:** \$50K to \$500k with a 20% cost share requirement, up to 24 months in duration.
- **Number of Allowable Applications:** 5 per company per RFA call.
- **Company Certifications:** (1) Cost-share certification and (2) IP Certification (CRADA).

For further details, consult the RFA Call:

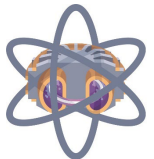
https://infuse.ornl.gov/wp-content/uploads/2022/07/FY2022_INFUSE_RFA2_final.pdf

For eligibility requirements:

<https://infuse.ornl.gov/rfa-requirements/>

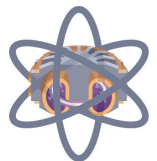
For additional RFA information and downloadable resources:

<https://infuse.ornl.gov/rfa-announcement-and-submission/>

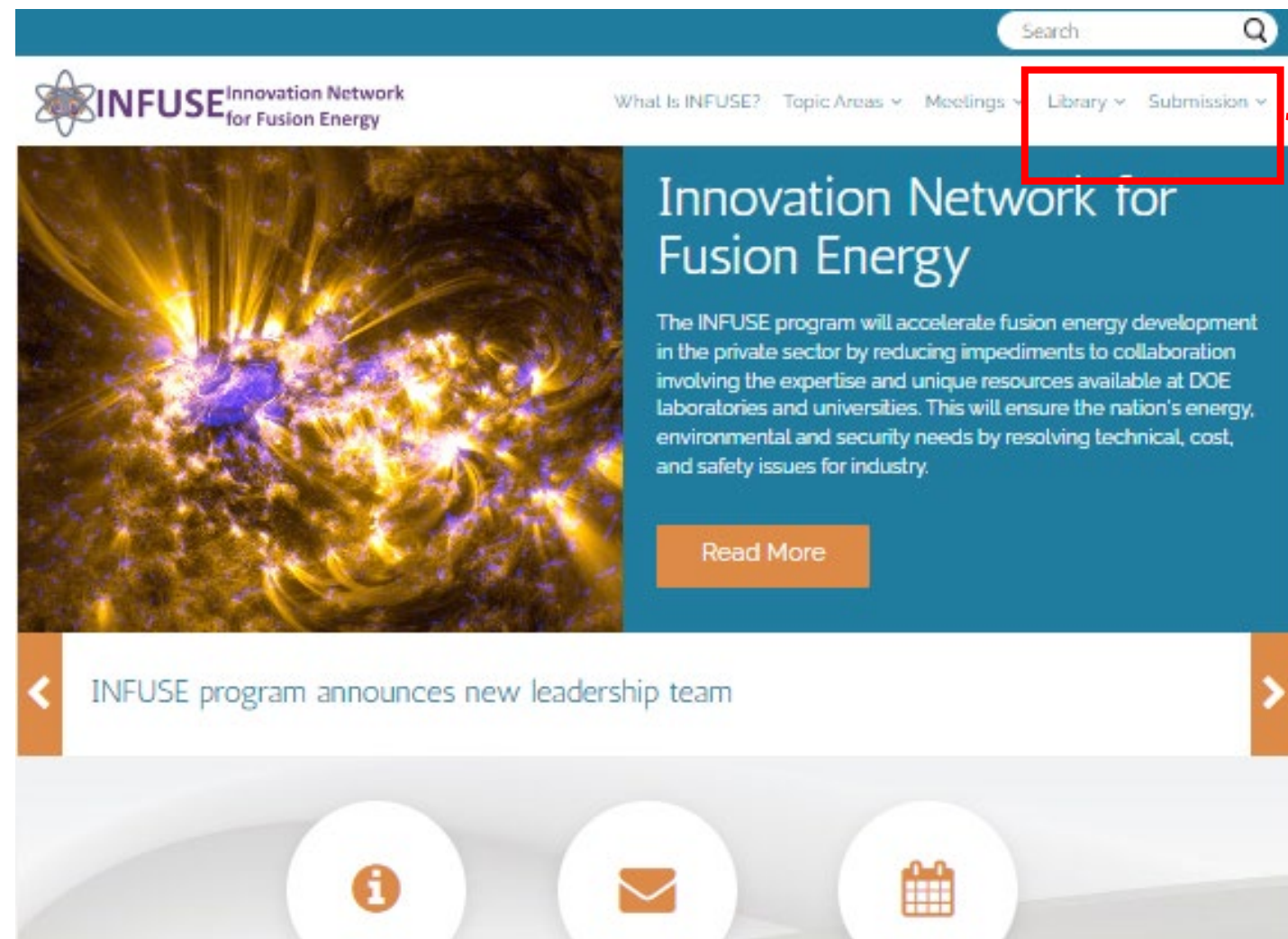


FY 2022 Second Round Schedule

- July 20 RFA posted
- July 28 (noon EDT) Webinar
- Aug. 2 Web site open for submissions
- Sept. 2 (noon EDT) RFA closes – **this is a firm deadline**
- Oct. 19 INFUSE workshop (APS mini-conference, Oct. 17-19)
- Mid December Award Announcement



INFUSE Website – Library



Search

INFUSE Innovation Network for Fusion Energy

What Is INFUSE? Topic Areas Meetings Library Submission

Innovation Network for Fusion Energy

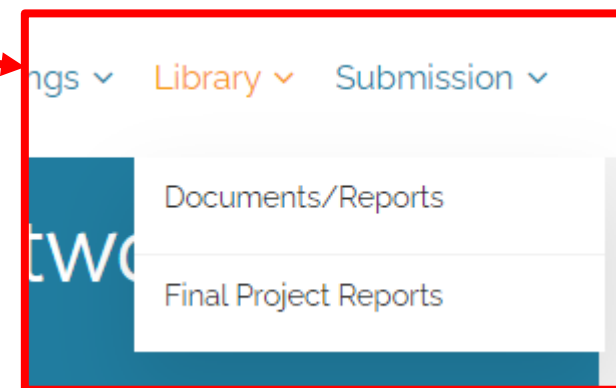
The INFUSE program will accelerate fusion energy development in the private sector by reducing impediments to collaboration involving the expertise and unique resources available at DOE laboratories and universities. This will ensure the nation's energy, environmental and security needs by resolving technical, cost, and safety issues for industry.

Read More

INFUSE program announces new leadership team

i e calendar

<https://infuse.ornl.gov/>



Library

Documents/Reports

Final Project Reports

The INFUSE Documents/Reports Library (<https://infuse.ornl.gov/library/>) has many documents and historical information on the program:

- Point of Contact information
- Frequently Asked Questions (FAQs)
- Previous award summaries
- Previous RFAs
- Prior year webinar slides
- And more . . .

INFUSE Website – RFA and Submission Information

Search

INFUSE Innovation Network for Fusion Energy

What Is INFUSE? Topic Areas Meetings Library Submission

Innovation Network for Fusion Energy

The INFUSE program will accelerate fusion energy development in the private sector by reducing impediments to collaboration involving the expertise and unique resources available at DOE laboratories and universities. This will ensure the nation's energy, environmental and security needs by resolving technical, cost, and safety issues for industry.

Read More

INFUSE program announces new leadership team

Submission

RFA Announcement And Submissions

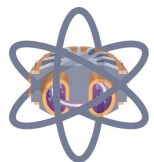
RFA Requirements

The INFUSE Submission page (<https://infuse.ornl.gov/rfa-announcement-and-submission/>) has many downloadable resources, Point of Contact information

resources, Point of Contact information

- The INFUSE RFA Call
- Standard CRADA
- Submission Rules
- Etc . . .

It is also the place to start the submission process (more on this in a minute).

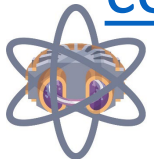


FY 2022 Submission Tips

A few tips on proposal submission:

- You will need to go through the vetting process to get access to the submission site (see following slides). Access to site will not begin until August 2, but vetting can start now.
- Make sure to give sufficient detail outlining the cost share split between private / national lab partners.
- You are encouraged to use [ARPA-E Capability Teams](#) (only those with a national lab partner as PI for this RFA).

Also see “Tips on writing a successful proposal” document under “Downloadable Resources” on submission page (<http://infuse.ornl.gov/wp-content/uploads/2020/02/INFUSEhints.pdf>)



Submission Process – go to “submission” on menu

Submission Process

ORNL has a new security procedure for guest access. If you are planning on submitting an RFA, please fill in your information below. You will be contacted with further instructions. If you have a vetted acct and password, please log into the protected SharePoint [site](#) here and click on “Submit Application” to begin your submission.

Guest Access

* Required

1. Name *

2. Email *

3. Company *

Submit

<https://infuse.ornl.gov/rfa-announcement-and-submission/>

- You may begin the submission process now.
- This is the first step of the “vetting” process to gain access to the RFA application site.

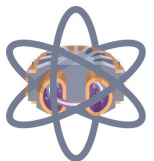
INFUSE questions: infuse@ornl.gov

Arnie: lumsdainea@ornl.gov

Walter: wgutten@pppl.gov

IT questions:

Jasmine: masseyjt@ornl.gov



Submission – Vetting Process for Guest Access (after August 2nd)

To request guest access for submitting an RFA Application, please visit <https://infuse.ornl.gov/rfa-announcement-and-submission/> and fill out the form under “Submission Process” at the bottom of the page.

A member of our team will check to see if you have already been vetted and are in our system. *.gov and *.mil are in the system

If you are in our system, you will receive an invitation to the RFA Application site along with log in instructions.

If you are not in our system, you will receive the email below:

Greetings,

Please use this [link](#) to schedule a time when you are available to be vetted for guest access to ORNL’s SharePoint sites.

You will need the following:

1. Access to a web camera
2. Driver's license or Passport
3. A system with Google Chrome (for the Teams web version) or the Teams client installed.

The link will take you to a bookings page <https://outlook.office365.com/owa/calendar/ExternalGuestScheduling@ornl.onmicrosoft.com/bookings/> which will allow you to select the date/time when you can join a Teams meeting.

When the external user selects the date/time they can meet, a Teams meeting gets created for both them and with one of our team members.

At the Teams meeting, both you and our team member will turn on their cameras. You will verify your identity by showing our team member your driver’s license or passport. No information or images are recorded.

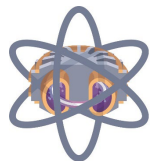
They will also walk you through any additional steps that may be needed.

Once you have been vetted, you will receive an email invitation to the RFA Application site along with log in instructions.



Official Points-of-Contact

Brookhaven National Laboratory (BNL)	Kathleen Amm	ammk@bnl.gov	(631) 344-6150
Idaho National Laboratory (INL)	Masashi Shimada	masashi.shimada@inl.gov	(208) 533-4472
Lawrence Berkeley National Laboratory (LBNL)	Steve Gourlay	sagourlay@lbl.gov	(510) 486-7156
Lawrence Livermore National Laboratory (LLNL)	Andris Dimits	dimits1@llnl.gov	(925) 422-9830
Los Alamos National Laboratory (LANL)	John Kline	jkline@lanl.gov	(505) 667-7062
Oak Ridge National Laboratory (ORNL)	Arnold Lumsdaine	lumsdainea@ornl.gov	(865) 574-0446
Pacific Northwest National Laboratory (PNNL)	Wahyu Setyawan	wahyu.setyawan@pnnl.gov	(509) 371-7692
Princeton Plasma Physics Laboratory (PPPL)	Walter Guttenfelder	wgutten@pppl.gov	(609) 243-2426
Sandia National Laboratories (SNL)	Rob Kolasinski	rkolasi@sandia.gov	(925) 294-2872
Savannah River National Laboratory (SRNL)	James Klein	james.klein@srnl.doe.gov	(803) 507-8549



https://infuse.ornl.gov/wp-content/uploads/2022/07/2022-INFUSE-POC-Panel-Contact-Information_v3.pdf

<https://infuse.ornl.gov/national-lab-capabilities/>

Upcoming INFUSE Workshop

Public-Private Partnerships will be highlighted at this years American Physical Society Division of Plasma Physics (APS-DPP) conference in Spokane, WA (October 17-21). Some details:

- Public-Private Partnership mini-conference (October 17-18).
- INFUSE workshop (October 19).
 - Past awardees are encouraged to briefly summarize results and beneficial impacts on company timelines.
 - We will be reaching out with reminders / invitations soon.
- The meeting will be hybrid and remote participation will be an option.

<https://engage.aps.org/dpp/meetings/annual-meeting>

