

**Special Notice (SN) DARPA-SN-25-53**  
**The Right Space (TRS) Disruption Opportunity (DO)**  
**Information Session**  
**March 12, 2025**

The Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is sponsoring an Information Session webcast to provide information to potential proposers on the objectives of the anticipated Disruption Opportunity (DO) program called The Right Space (TRS). The Information Session will be held via prerecorded webcast on March 12, 2025, from 10:00 a.m. to 10:45 a.m.. Advance registration is required to attend the webcast. All times listed in this announcement and on the registration website are Eastern time.

The goals of the TRS DO Information Session are to (1) introduce the research community (industry, academia, and Government) to the TRS DO vision and goals and (2) explain the mechanics of a DARPA DO and the milestones of this particular effort. DARPA anticipates releasing the TRS DO in March 2025. If released, the DO will be available on SAM.gov (<https://sam.gov/>). After the Information Session, DARPA may post the presented materials on the DARPA website.

Disruption Opportunities are released as Solicitation Notices under the Disruptioneering Program Announcement (DARPA-PA-24-04) and are rapid, targeted, limited-scope investments as part of an overall balanced portfolio. The Disruptioneering Program Announcement enables DARPA to initiate a new investment in less than 120 calendar days from idea inception.<sup>1</sup>

**TRS OBJECTIVE AND DESCRIPTION**

The Right Space (TRS) Disruption Opportunity (DO) will create new mathematical/computational approaches for the systematic discovery of transformations of a system's variables and parameters to representations that make solving complex modeling problems easier, faster, and potentially more interpretable. New approaches based on advances in scientific machine learning (SciML), which are computationally efficient, interpretable, generalizable, and ultimately useful, are of particular interest to this DO. Examples of Department of Defense (DoD)-relevant problems that would be affected by new mathematical transformations to more useful representations may include but are not limited to (i) wargaming scenarios for agent-based simulations, (ii) open- and closed-loop turbulent flow simulations for aerospace vehicles, (iii) microstructured material mechanics for multiscale/multiphysics simulations, and (iv) improving the real-time accuracy of digital twins through calibration.

All awards resulting from the TRS DO and issued under the Disruptioneering Program Announcement will be Other Transactions (OTs) for prototype projects awarded under the authority of 10 U.S.C. § 4022. Potential proposers are highly encouraged to review the Eligibility section below and Section 7 of the Disruptioneering Program Announcement for information on who may be eligible to respond to a Disruption Opportunity. The Disruptioneering Program Announcement is available on SAM.gov under solicitation number DARPA-PA-24-04:

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<sup>1</sup> For the purposes of this Special Notice, "idea inception" is defined as the date an individual Solicitation Notice (Disruption Opportunity) is posted to <https://sam.gov>.

(<https://sam.gov/opp/cb7a935d59bb4ceeb62b9515f7d9f9b0/view>).

Potential proposers may choose to share their information with other registrants via all, some, or none of the following options to discover potential collaboration opportunities:

1. Attendee List (limited distribution): Participant contact information (name, organization, email address) will be distributed to all other TRS Information Session attendees. The registration website will ask registrants to indicate whether they approve distribution of their contact information.
2. Proposer Profile (limited distribution): Information session registrants interested in discovering collaboration opportunities for this announcement may submit a one-page profile. The proposer's profile should include their contact information (name, organization, email, telephone number, mailing address, and, if applicable, organization website), a brief description of their technical competencies, and, if applicable, their desired expertise from other teams/organizations. All profiles must be emailed to [TRS@darpa.mil](mailto:TRS@darpa.mil) no later than 4:00 p.m. on March 13, 2025. After this deadline, the consolidated Proposer Profile will be sent via email to Information Session registrants who submitted a valid profile for distribution. Specific content, communications, networking, and team formation are the sole responsibility of the participants. Neither DARPA nor the Department of Defense (DoD) endorse the information and organizations contained in the consolidated Proposer Profile document, nor does DARPA or DoD exercise any responsibility for improper dissemination of the Proposer Profile.

## **REGISTRATION INFORMATION**

The TRS DO Information Session will be webcast on March 12, 2025, from 10:00 a.m. to 10:45 a.m.. There is no registration fee for the Information Session webcast.

**Registration opens:** As of the publication of this announcement.

**Registration website:** <https://events.sa-meetings.com/RightSpaceInfoSession/>

**Registration closes:** March 5, 2025, at 4:00 p.m. or when capacity is reached, whichever comes first.

Advance registration via the above website is required to receive access to the webcast, and registration is mandatory for every individual intending to view the webcast either alone or as part of a group.

Registrants in excess of the maximum capacity limitations (350 individuals) may be added to a waitlist. Individuals who are unable to register because the deadline has passed may request to be added to the waitlist. If slots become available due to cancellations, the slots may be filled on a first-come, first-served basis from the waitlist.

## **ELIGIBILITY**

DARPA is hosting this Information Session to (1) provide potential proposers with information on whether and how they might respond to the Government's research and development solicitations and (2) increase efficiency in proposal preparation and evaluation. Therefore, this event is open only to registered potential proposers, i.e., the events are closed to the general public and media. In addition, for this Disruption Opportunity, Information Session registration is open to potential proposers who are U.S. citizens, U.S. permanent residents, and foreign

nationals.

All registrants who are not U.S. citizens must complete and submit either a DARPA Form 60 (U.S. Permanent Resident and Foreign National Visit Request – for industry or academia) or an Official Visit Request (for foreign government personnel only) through their country’s embassy based in Washington, DC, no later than 4:00 p.m. on March 5, 2025. Form 60 submission instructions are provided on the registration website and in the registration confirmation email. Contact your Embassy staff for assistance in submitting the Official Visit Request.

### **Q&A**

Administrative, technical, and contractual questions about the TRS program should be emailed to [TRS@darpa.mil](mailto:TRS@darpa.mil). All questions must be in English and must include the name and email address of a point of contact. After the Information Session, DARPA may post an FAQ list to the DARPA website.

### **CONTACT INFORMATION**

Please refer to the TRS Information Session in all correspondence.

- Technical Point of Contact: Yannis Kevrekidis, Program Manager, [TRS@darpa.mil](mailto:TRS@darpa.mil)
- Registration Website: <https://events.sa-meetings.com/RightSpaceInfoSession/>
- DARPA Opportunities Website: <https://www.darpa.mil/research#research-opportunities>

### **DISCLAIMERS AND IMPORTANT NOTES**

Viewing the TRS DO Information Session webcast is voluntary and is not required to propose to the anticipated TRS DO. Interested parties to this notice are cautioned that nothing herein obligates the Government to issue a solicitation. The Information Session does not constitute a formal solicitation for proposals. This announcement is issued solely for information and planning purposes and is not a Request for Information (RFI). Since this is not an RFI, the Government will not accept submissions against this notice, except for the one-page Proposer Profile referenced above. No classified, International Traffic in Arms Regulations (ITAR) controlled, or proprietary information will be presented by the Government at the Information Session. DARPA will not reimburse costs incurred to participate in this Information Session. Recording the Information Session webcast is not permitted.

For those new to DARPA or national security, DARPA makes available a free, comprehensive resource via DARPAConnect on how to do business with the agency. In addition to DARPA 101 materials, relevant preparatory modules include “Making the Most of a Proposers Day” and “Understanding DARPA Broad Agency Announcements.” Registration and access are free at [www.darpaconnect.us](http://www.darpaconnect.us).