

STI PRODUCT TYPE FACTSHEET FOR FINANCIAL ASSISTANCE AWARDEES/GRANTEES:



Scientific Videos

ABOUT STI

In the course of performing research and development (R&D) and other scientific and technological work, researchers funded by the U.S. Department of Energy (DOE) produce scientific and technical information (STI) to document and disseminate their findings.

STI includes products such as journal articles, technical reports, conference presentations, books, and more. Through the Scientific and Technical Information Program (STIP), the DOE Office of Scientific and Technical Information (OSTI) collaborates with people across the DOE complex, including Headquarters programs, field offices, national laboratories, and other facilities. The STIP partnership ensures that the results of DOE-funded work are identified, disseminated, and preserved. Thus, OSTI collects STI produced across the DOE laboratory and facility complex as well as from financial assistance recipients.

DEFINITION

One emerging format of STI is categorized as videos or multimedia. DOE produces hundreds of STI videos each year with significant scientific and technical content. Like full-text indexing of a document, content indexing of an audio or video file greatly enhances the retrievability of the STI as a whole and also enables a user to find the exact place in the video where the term he/she is searching for was actually spoken by the presenter or the narrator. These videos are typically from conferences and events where speakers or panels of speakers present the content. Webinars used to disseminate research results may also be recorded as a video. Whether the STI product is a conference presentation or some other event where Multimedia was used to present research results, the information can be made more easily accessible by announcing the item to OSTI.

SUBMISSIONS

Conference presentations that are in an audiovisual format (videos or multimedia) may be announced to OSTI using AN 241.3, available through the DOE E-Link System (<https://www.osti.gov/mlink/2413-submission.jsp>). Simply follow the instructions provided in the award package on the Federal Assistance Reporting Requirements Checklist (DOE F 4600.2). Using E-Link, the required metadata are filled in on the AN 241.3. Videos that are accessible to the public can be announced by providing the URL where the video is located. Questions related to E-Link may also be sent to mlink_Helpdesk@osti.gov.

Acceptable audiovisuals formats are listed at <https://www.osti.gov/stip/audiovisualsti>.

STI AVAILABILITY

OSTI.GOV (<https://www.osti.gov>) is the primary search tool for DOE science, technology, and engineering research and development results and the organizational hub for information about the DOE Office of Scientific and Technical Information.

Launched in 2018, it consolidates OSTI's home page and the previous search tool SciTech Connect. **OSTI.GOV** makes

discoverable over 70 years of research results from DOE and its predecessor agencies. Research results include journal articles/accepted manuscripts and related metadata; technical reports; scientific research datasets and collections; scientific software; patents; conference and workshop papers; books and theses; and multimedia.

OSTI.GOV contains over 3 million records, including citations to 1.6 million journal articles, 1.1 million of which have digital object identifiers (DOIs) linking to full-text articles on publishers' websites. **OSTI.GOV** provides access to this DOE STI by offering numerous easy-to-use search capabilities and customization options; and for the DOE community, additional citation information is available to help researchers evaluate article impact and find related research.



DOE ScienceCinema (<http://www.osti.gov/sciencecinema>) includes more than 4,000 scientific videos and multimedia from DOE national laboratories, other DOE research Facilities and CERN (European Organization for Nuclear Research), and makes them searchable using IBM Watson speech-recognition search technology. The ability to search and "jump to" the spoken words in a video that may be an hour or longer is a unique, added value. Released in February 2019, **DOE**

ScienceCinema was updated for a new look and feel, as well as new features including: more powerful searching, filtering options, account and playlist functionalities, larger video players, and further audio searching within individual videos.

OSTI.GOV and **DOE ScienceCinema** are included in the Federal science portal **Science.gov** (<https://www.science.gov>) and the international science portal **WorldWideScience.org** (<https://worldwidescience.org>). **Science.gov**, hosted by OSTI, offers free access to research and development (R&D) results and scientific and technical information from more than 60 databases from scientific organizations across 13 federal agencies. **WorldWideScience.org** searches over 100 STI resources including national libraries and information centers from more than 70 countries.

OSTI also works in close collaboration with Google and others, using Sitemap Protocols and other information industry standards to facilitate the discovery of DOE STI through widely used search engines.

ADDITIONAL INFORMATION/CONTACTS

- ✚ The STIP website at <https://www.osti.gov/stip/>
- ✚ OSTI staff will respond to questions/suggestions sent to stip@osti.gov
- ✚ Questions related to E-Link may also be sent to elink_Helpdesk@osti.gov