

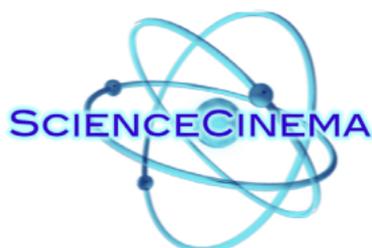


SCIENCECINEMA



MULTIMEDIA VIDEOS  
HIGHLIGHTING THE  
U.S. DEPARTMENT OF  
ENERGY'S MOST EXCITING  
SCIENTIFIC RESEARCH

[www.osti.gov/sciencecinema](http://www.osti.gov/sciencecinema)



- Through a partnership with Microsoft Research, state-of-the-art audio indexing and speech recognition technology allows the user to search for specific words and phrases spoken by the presenter in these video files.
- Users simply enter a term and the results list will point to the precise snippets of the video where the term was spoken.
- When the user clicks on the snippet, the video plays at that exact point.

The screenshot shows the ScienceCinema website interface. At the top, there's a navigation bar with links: Home, About ScienceCinema, Help, Audio Search, and Bibliographic Search. Below that, a search bar contains the term 'biofuels' and shows '35 results for "biofuels"'. There are filters for 'All', 'DOE', and 'CERN'. A video player is embedded on the left, showing a video titled 'Hope or hype? What's next for biofuels?' with a download link for a 342 Mb file. On the right, a search results table is displayed:

Occurs at	Result snippet
0:00:06	... — for <b>biofuels</b> sponsored by friends of berkeley lab and cosponsored ...
0:03:02	... <b>biofuels</b> the answer great thanks we'll call ...
0:06:48	... be converted into <b>biofuels</b> — in the form of ...
0:08:19	... oil — if we now turn that into <b>biofuels</b> ...
0:11:17	... <b>biofuels</b> ...

Below the table is a video player control bar with a play button and a progress bar. A note at the bottom says: 'click on the snippet to begin playing the video at the segment where the search term was spoken'.

ScienceCinema contains videos produced by DOE National Laboratories, other DOE research facilities, and CERN (European Organization for Nuclear Research).

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