



SCIENCECINEMA

Searchable Videos Showcasing DOE Research

***Multimedia videos highlighting the
U.S. Department of Energy's most
exciting scientific research***

- 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.

www.osti.gov/sciencecinema



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The screenshot shows the ScienceCinema website interface. At the top, there is a search bar with the text 'biofuels' and a 'QFind' button. Below the search bar, the page displays 'Search Results for: biofuels' with navigation buttons for 'Prev' and 'Next'. The results are listed under the heading 'Multimedia' with a count of '77'. Two results are visible:

- Bioenergy: America's Energy Future**
Nelson, Bruce; Volz, Sara; Male, Johnathan; Wolfson, Johnathan; Pray, Todd; Mayfield, Stephen; Atherton, Scott; Weaver, Brandon (Jul. 2014)
Download: "Bioenergy: America's Energy Future" (87 MB)
Transcript Results:
00:01:37 ... um uh as one looks at the supply chain for bringing biofuels to fruition ? you have ...
00:04:25 ... problem with biofuels ...
00:06:09 ... for applications in biofuels samos ? ...
- Sandia's Biofuels Program**
Simmons, Blake; Singh, Seema; Lana, Todd; Reichardt, Tom; Davis, Ryan (Jul. 2014)
Download: "Sandia's Biofuels Program" (11 MB)
Transcript Results:
Occurs at Result snippet
00:00:42 ... biofuels today ...
00:00:50 ... biofuels are has a lot of potential ...
00:03:21 ... enabling biofuels from ...

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

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