

VIDEO ABSTRACTS

A NEW WAY OF SCIENTIFIC
COMMUNICATION

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Presentation outline

- What are we talking about when we talk about scientific communication?
- Video abstracts
- Collaboration between scientists, publishers, and libraries
- Dissemination and impact
- Future directions



What are we talking about when we talk about scientific communication? (I)

‘Science is knowledge elaborated with the scientific method. And the scientific method is every method that respects three principles: objectivity, **intelligibility**, and **dialectic**.’ (Wagensberg, 1998)

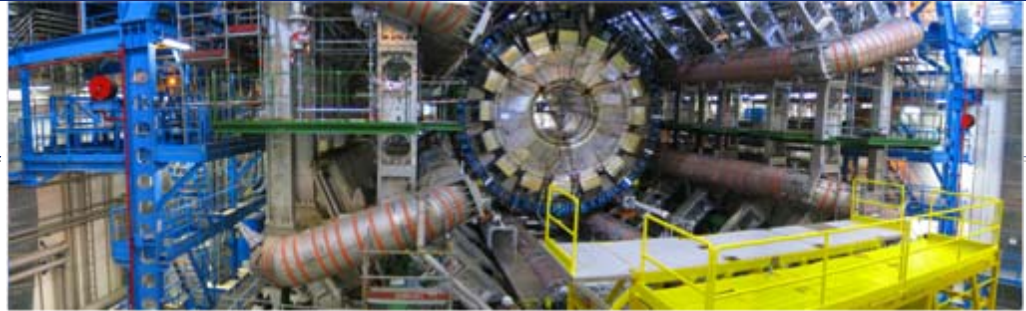
Open?



What are we talking about when we talk about scientific communication? (II)



Science is based on complex ideas...



...and on complex (and expensive!) experiments



Scientists' aim is to communicate these ideas and experiments

Scientific paper

Research blogging, science slams,
video abstracts

Scientific journalism

Video Abstracts...

- ...*"are peer-to-peer video summaries, three to five minutes long of academic papers"* (Berkowitz, 2013)
- ...*"describe dynamic phenomena which are simply too complicated, too complex, too unusual, too full of information to do in words and two-dimensional pictures"* (Whitesides, 2011)
- ...communicate *"the background of a study, methods used, study results and potential implications through the use of images, audio, video clips, and texts"* (Spicer, 2014)
- ...constitute a new genre in the context of science communication

JLSC Librarianship and Scholarly Communication

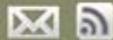
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Exploring Video Abstracts in Science Journals: An Overview and Case Study

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- Articles with video abstracts are between the most cited ones

SHARE



- The streaming platform does not conditionate the number of views

Collaboration between scientists, publishers and libraries



Research/Academic libraries

ACRL standards and guidelines

Guidelines for media resources in academic libraries

Approved by the ACRL Board of Directors, April 2012

by the ACRL Guidelines for Media Resources in Academic Libraries Task Force

- career
- Video sharing platforms
- Impact

Library support video. Use case: TIB | AV-Portal

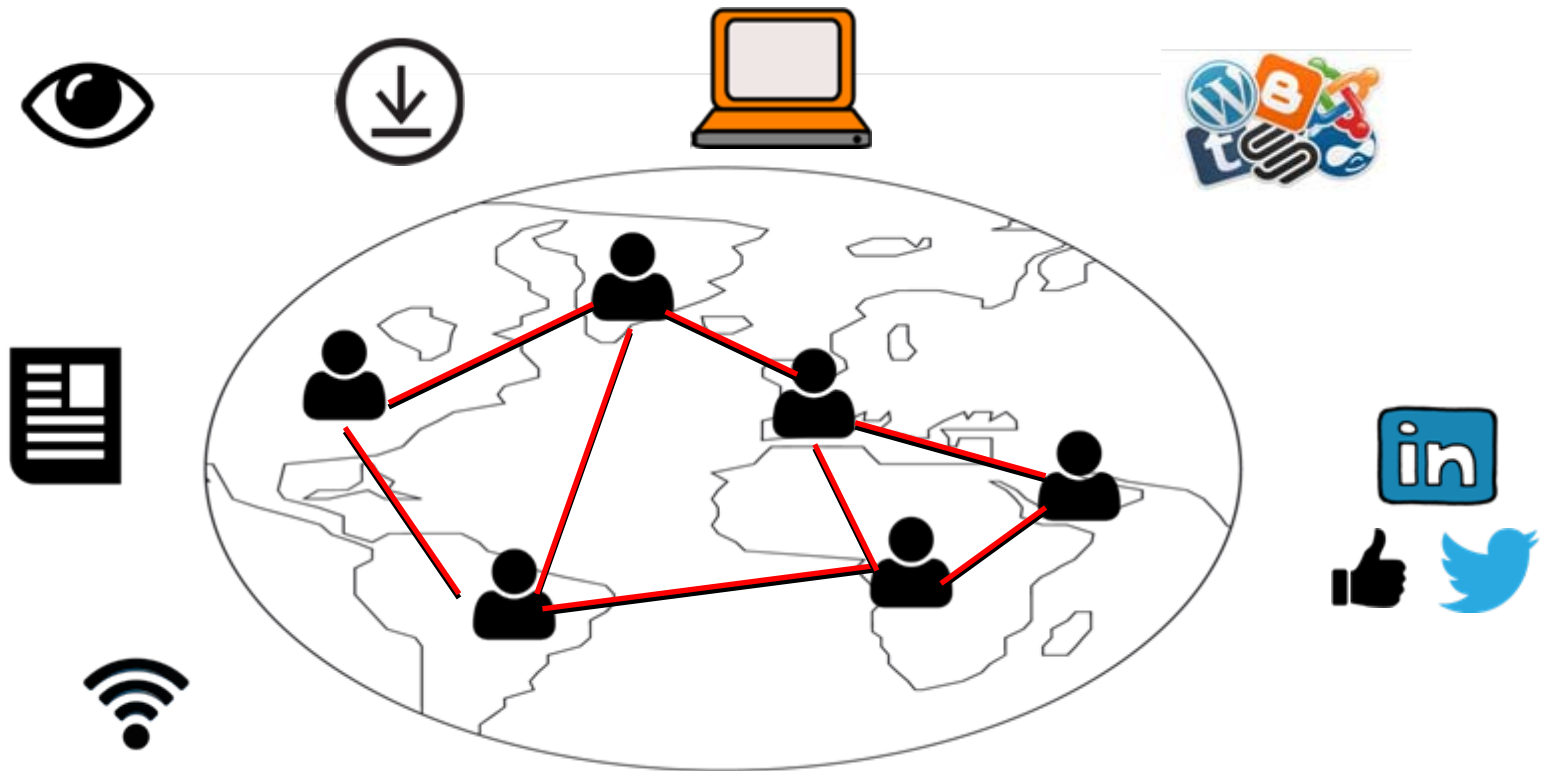
The screenshot shows the TIB AV-Portal interface. At the top, there is a navigation bar with 'Home', 'Subjects', 'Publisher', and 'About AV-Portal' links. A search bar is located below the navigation bar. The main content area displays a video player for 'Space-Time Research'. To the right of the video player is the 'Automated Media Analysis (AMA) BETA' interface. This interface includes a search bar, checkboxes for 'Speech', 'Text in the video', and 'Image content', and a list of recognized entities with their corresponding timestamps. A red arrow points to the 'Automated Media Analysis (AMA) BETA' header, and another red arrow points to the video player's progress bar.

- Video platform
- Videos enrichment (additional metadata)
- DOI assignment
- Long term archiving

Take care of your videos!

Dissemination and impact

New scientific media may require new ways to be spread and measured



As persistent identifiers, DOIs can be tracked

Future directions (I)



- 'Video or vanish' instead of 'publish or perish'
- Lack of preservation or long-term archiving



- Know the potential of video
- Go multimodal → Use textual and non-textual formats to communicate science
- Know the potential of alternative metrics
- **Support scientists and scholars during the multimodal process**

Future directions (II)

- Overcome challenges: Make collaboration between libraries and publishers real
- Establish links between sources
- Initiate a multimodal project



VECTORS

Journal of Culture and Technology in a Dynamic Vernacular

**Video enhances understanding
&
The library should be closer to the people than to the
document**

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Thank you very much for your attention



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[@tolloder](https://twitter.com/tolloder)

Presentation
Slides



<http://dx.doi.org/10.6084/m9.figshare.1476871>

