

Underline Digital Video Library (DVL) 使用指南

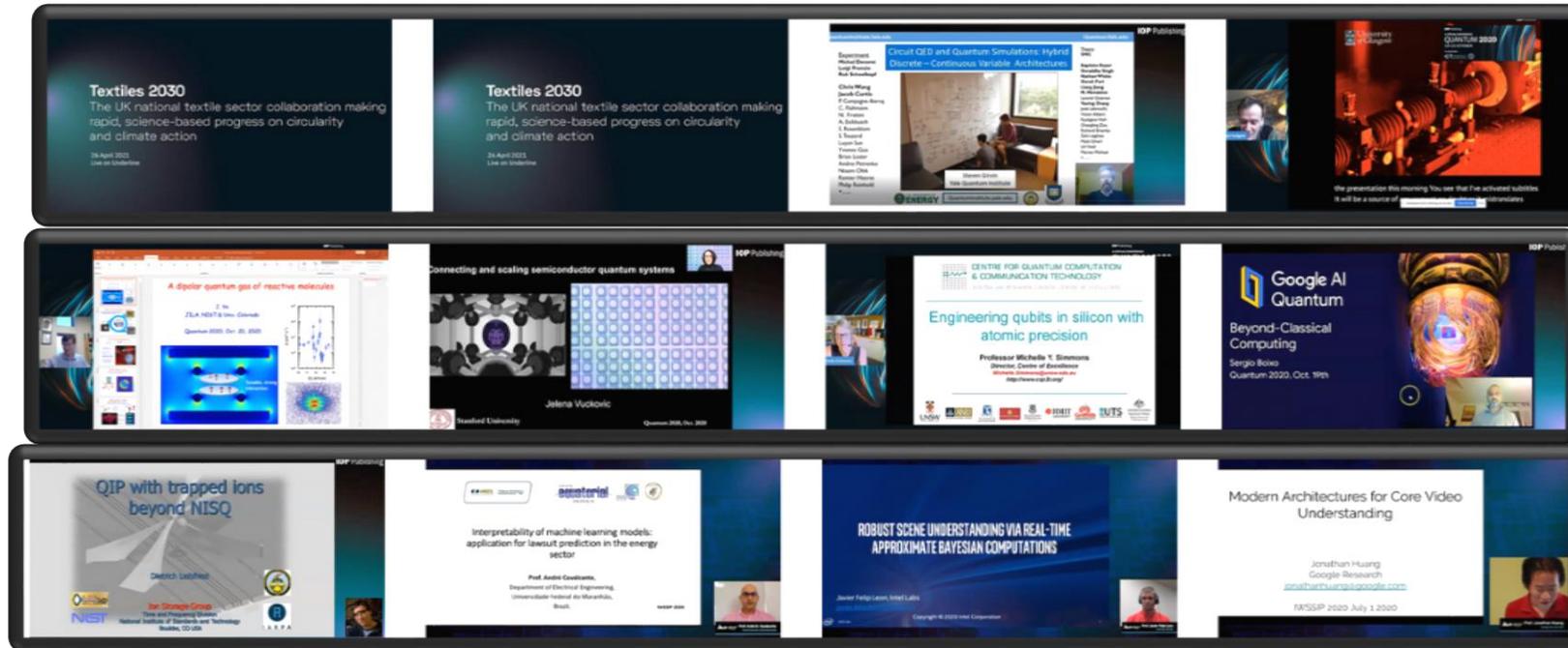


15k+ lectures

60k+ attendees

全球第一个科学会议数字视频图书馆

Underline Digital Video Library 数字视频图书馆资源量



15,000+ VIDEO LECTURES
FROM **100+** CONFERENCES

FOR SCIENTIFIC, MEDICAL, TECHNICAL, SCHOLARLY AND
PROFESSIONAL COMMUNITIES

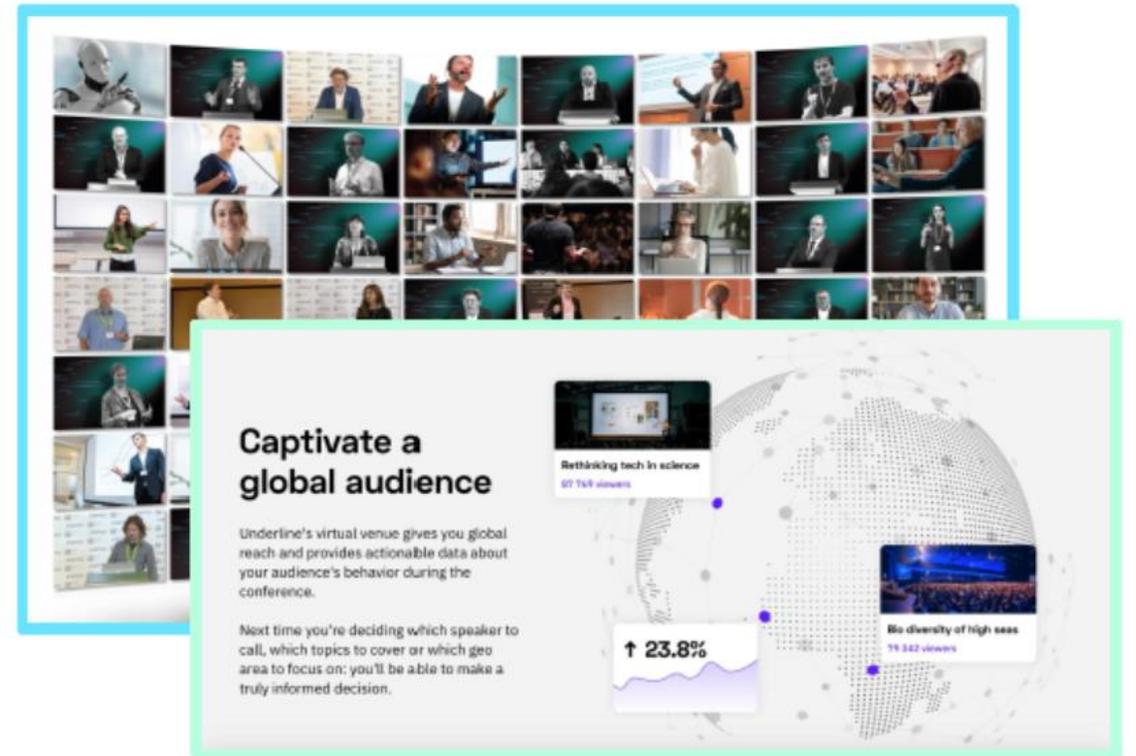
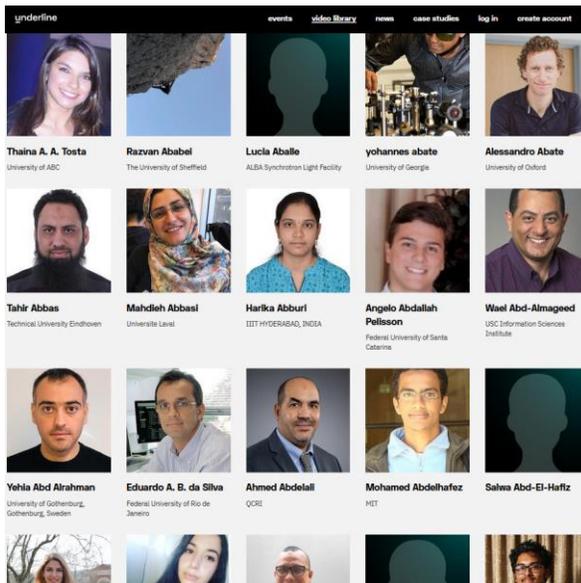
Welcome to the Underline Digital Video Library

Underline Digital Video Library 数字视频图书馆合作伙伴

知名学术会议及学术团体合作伙伴，更多正在加入：



60,000+科学家已加入，更多正在加入：



underline

Underline Digital Video Library 数字视频图书馆主题及资源量



Physical Sciences, Engineering and Technology (物理科学、工程和技术) 主题:

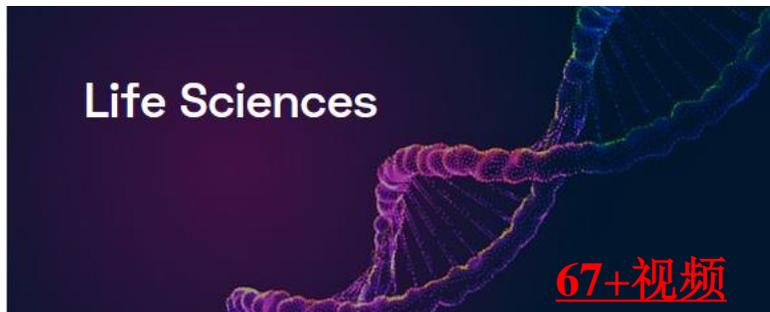
- Chemistry (化学)
- Computer and Information Science (信息技术)
- Earth and Planetary Sciences (地球和行星科学)
- Engineering (工程)
- Material Science (材料科学)
- Mathematics (数学)
- Nanotechnology and Nanomaterials (纳米技术及材料)
- Physics (物理)
- Robotics (机器人)
- Technology (技术)

Underline Digital Video Library 数字视频图书馆主题及资源量



Health Sciences (健康科学) 主题 :

- Covid-19 (新冠疫情系列)
- Medicine (药学)
- Veterinary Medicine and Science (兽医学)



Life Sciences (生命科学) 主题 :

- Agricultural and Biological Sciences (农业和生物科学)
- Biochemistry, Genetics and Molecular Biology (生物化学、遗传学和分子生物学)
- Environmental Sciences (环境科学)
- Immunology and Microbiology (免疫学与微生物学)
- Neuroscience (神经科学)

Underline Digital Video Library 数字视频图书馆主题及资源量



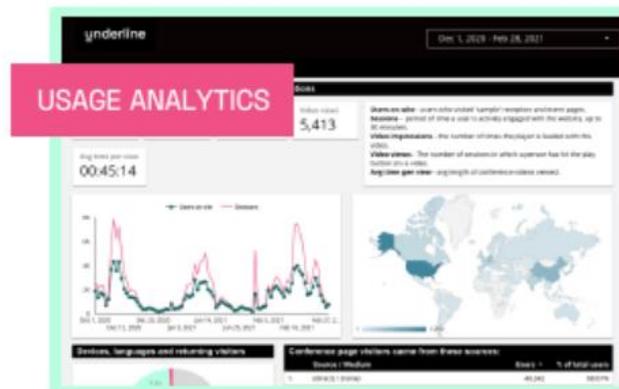
Social Sciences and Humanities (人文社科) 主题:

- Business, Management and Economics(商业、管理和经济学)
- Education (教育)
- Humanities (人文)
- Psychology (心理学)
- Social Science (社会科学)

Underline 科学会议视频提供的特色功能



- ❑ 精炼的演讲视频
- ❑ 视频加入丰富的元数据信息（文摘，MARC记录，关联内容）
- ❑ 每个视频转换成为“出版物”
- ❑ 可被索引和检索



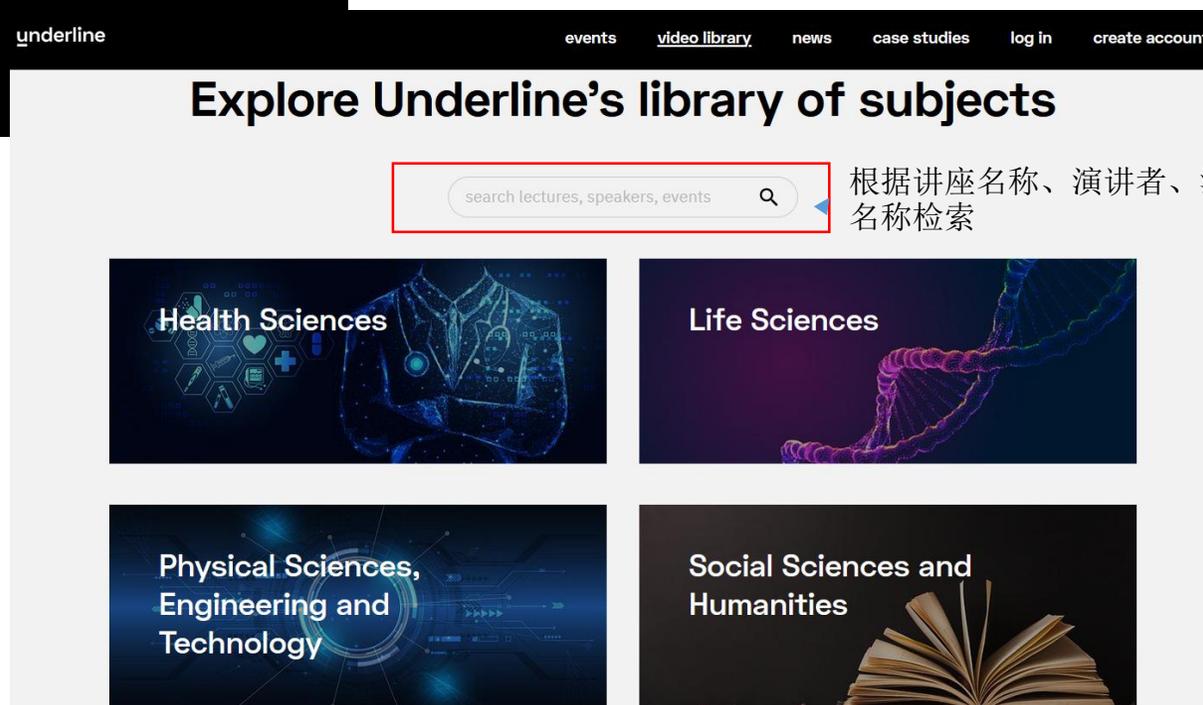
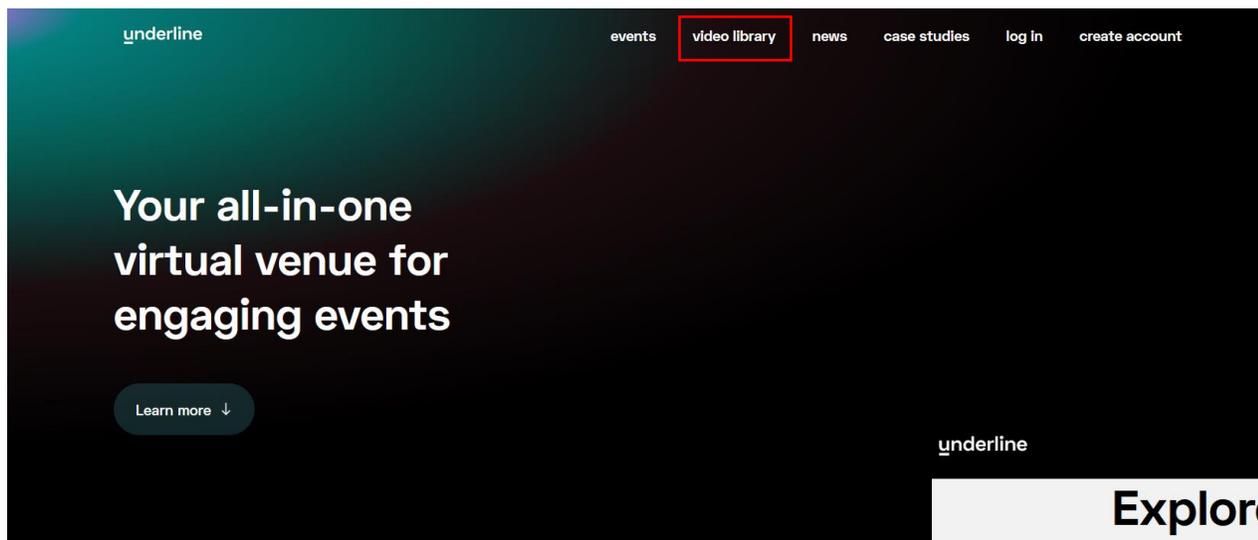
- ❑ 视频配备独有的DOI号，方便参考和引用
- ❑ 配备演讲文本和语言翻译功能
- ❑ 被主要的图书馆发现系统索引（ALMA/Primo, Google Scholar, Encore, Worldcat, CrossRef)
- ❑ 提供使用统计分析，了解读者需求



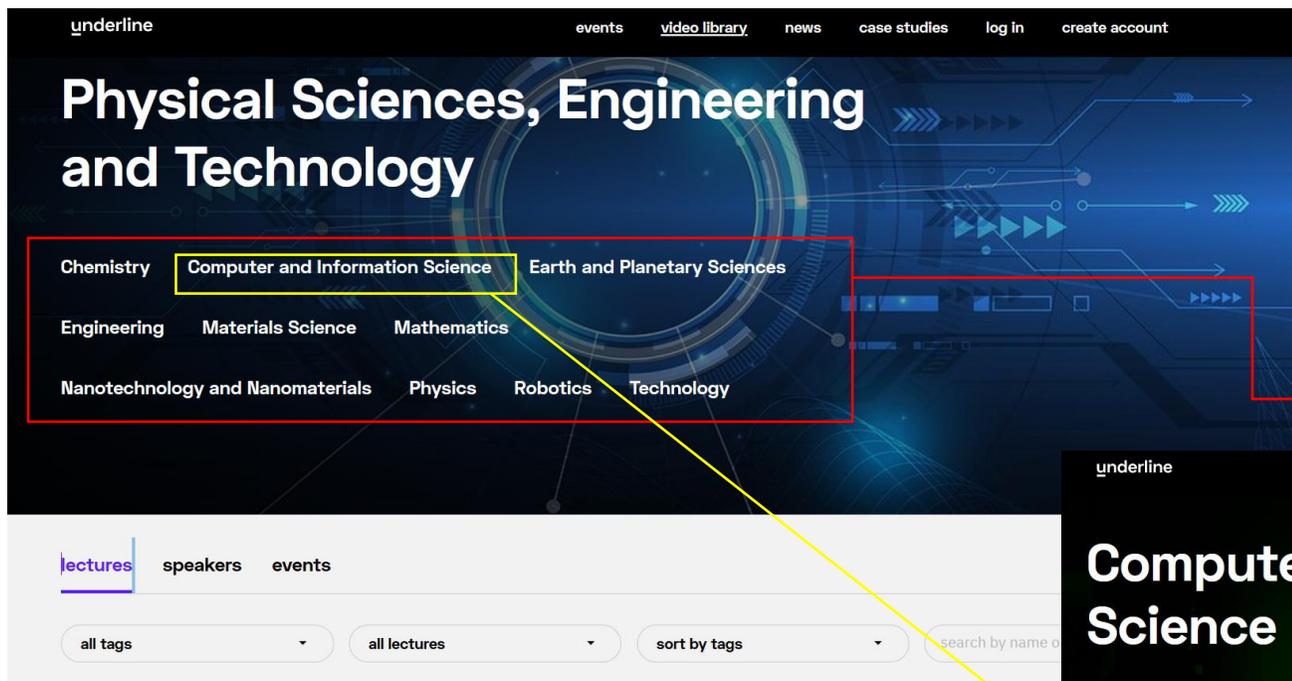
- ❑ 提供深度阅读内容
- ❑ 视频中分享的内容可直接连接到出版社网站，获取全文内容

1. 登录Underline Digital Video Library 数字视频图书馆

登录网址: <https://www.underline.io>



2. 通过主题进行浏览：层层深入聚焦主题领域



二级细分主题



三级细分主题

四级细分主题

五级细分主题

3. 通过检索发现所需视频：用户可以通过检索框找到主题演讲、嘉宾演讲、小组讨论等。或者通过使用讲座名字或者作者姓名查找相关视频。

lectures speakers events

all tags all lectures sort by tags search by name or author

22 results

Decoder-Side Quality Enhancement for JPEG Images Using Deep Learning-Based Prediction Models for Quantized DCT Coefficients

Antonio Busson, Paulo Mendes, Daniel Moraes, Alvaro Veiga, Sérgio Colher e Alan Guedes

TECHNICAL PAPER

Decoder-Side Quality Enhancement for JPEG Images Using a Deep Learning-Based...

WEBMEDIA 2020

Antonio Busson

01 December 2020

A Cluster-Matching-Based Method for Video Face Recognition

Paulo Mendes, Antonio Busson, Sérgio Colcher, Daniel Schwabe, Alan Guedes, Carlos Laufer

TECHNICAL PAPER

A Cluster-Matching-Based Method for Video Face Recognition

WEBMEDIA 2020

Daniel Schwabe and 5 other authors

01 December 2020

A Two-Stream Model Based on 3D Convolutional Neural Networks for the Recognition of Brazilian Sign Language in the Health Context

Dieno R. B. da Silva, Tiago Maritan U. Araujo, Thais Gaudencio do Rêgo e Manuella Aschoff Cavalcanti Brandão

TECHNICAL PAPER

A Two-Stream Model Based on 3D Convolutional Neural Networks for the Recognition o...

WEBMEDIA 2020

Thais Gaudencio... and 3 other authors

01 December 2020

Evaluating Early Fusion Operators at Mid-Level Feature Space

XXVI Brazilian Symposium on Multimedia and the Web

Antonio A. R. Bezerra¹, Rodrigo M. Kishi² and Rudinei Goularte³
November 30-December 4, 2020

University of São Paulo
²Federal University of Mato Grosso do Sul

TECHNICAL PAPER

Evaluating Early Fusion Operator at Mid-Level Feature Space

WEBMEDIA 2020

Rodrigo Kishi and 2 other authors

01 December 2020

4. 视频增强功能

- 视频链接分享
- 视频特定DOI索引功能
- 演讲稿下载功能

The screenshot displays the Underline video player interface for a presentation titled "A 20-Year Roadmap for AI Research" by Bart Selman. The interface includes a navigation bar with links for "events", "video library", "news", and "case studies". The main content area features the title, date (February 22, 2020), location (Valletta, Malta), and a unique DOI (10.48448/3wmj-q418). A speaker profile for Bart Selman from Cornell University is shown. Below the title, three buttons are highlighted with red boxes: "Share" (labeled "链接分享功能"), "Cite" (labeled "独有的DOI被引功能"), and "Slides" (labeled "演示文稿下载"). The video player shows a slide titled "The Need for a National AI Research Infrastructure Initiative" by Bart Selman, Cornell University, with a subtitle "The Emergence of Intelligent Machines: Challenges and Opportunities". The video player controls at the bottom show a progress bar at 56.48, 1x speed, and auto volume. A transcript panel on the right shows the video content in English, with a dropdown menu for language selection.

underline

events video library news case studies

A 20-Year Roadmap for AI Research

February 22, 2020 • Valletta, Malta
doi: 10.48448/3wmj-q418

SPEAKER
Bart Selman
Cornell University

链接分享功能 Share Cite Slides 演示文稿下载

The Need for a National AI Research Infrastructure Initiative
Bart Selman
Cornell University

The Emergence of Intelligent Machines: Challenges and Opportunities

for AI research in the United States

underline transcript English

(soft music) So yeah, I was indeed involved in setting research directions or providing a research agenda for AI research in the United States. That's an ongoing enterprise and new investments are being made. I'll say a little bit more about it in this talk. This talk is quite high-level. I give it generally for quite general audiences. But I think it's good to get a sense of where AI is, and then where all the excitement comes from.

So I call it "The Emergence of Intelligent Machines: Challenges and Opportunity". And what we're really seeing is how AI systems are starting to emerge in our society. Intelligent autonomous systems or semi-autonomous systems, you know, probably the most prominent example will be self-driving cars and trucks. They're not fully there yet, but self-driving technology is already taking some of the driving functions over from human drivers.

5. 视频增强功能

- 字幕语言切换
- 演讲文摘信息、深度阅读及演讲嘉宾介绍
- 视频播放速度的按需切换

The screenshot displays the 'underline' video player interface. The video title is 'The Need for a National AI Research Infrastructure Initiative' by Bart Selman from Cornell University. The video content shows a robot and a speaker. A subtitle language switch menu is open, showing options for 'Disabled', 'English', and 'Chinese'. The 'Chinese' option is highlighted. Below the video player, there are links for 'abstract', 'further reading', and 'authors'. The 'abstract' link is highlighted. The 'next from ICAART 2020' section is also visible.

underline

events video library news case studies

Share Cite Slides

字幕语言切换

Disabled
English
Chinese

underline transcript

国家AI研究基础设施的必要性 康奈尔大学 演讲
现：挑战与机遇 我确实参与了 制定研究方向
AI研究的研究议程。这是一个持续发展的企业，正在吸引
新的投资 在这次演讲中 我会多谈论这点 这个演讲是相当
高级 我一般将这提供给一般普通的观众。但我认为最好了解
AI的位置，

随后才知道所有兴奋是来自何处。所以我称之为“智能机器
的出现：挑战与机遇”。我们会真正看到的是AI系统 如何
开始出现在我们的社会中。智能自治系统 或半自治系统，
你知道，可能 最突出的例子是自动驾驶汽车 和卡车。它
们还不完全存在，但是自动驾驶技术 已经从人类驾驶员手
中

接管了部分驾驶功能。当然，整个构思是 这些汽车将比目
前的汽车安全得多，并且具有明显的安全性，它不会消除
所有事故，但这构思是想它应该能够减少 约90%的致命事
故的数量 而这实际上是高涨动机的一部分。启动自动驾驶
汽车计划的动机之一是 减少交通死亡人数。我认为 这肯

我一般将这提供给一般普通的观众。

abstract further reading authors

I will summarize the findings of a recently completed, community-driven study to set research directions for AI Research for the next 20 years. Over 100 prominent AI researchers contributed to the study, which was sponsored by the US-based Computing Community Consortium (CCC), working with the National Science Foundation (NSF) and the Association for the Advancement of AI.

next from ICAART 2020
view all

Presentation Slides download

注：目前不是所有视频都具备以上功能，underline正在逐步完善每个视频

—— **Underline Digital Video Library**数据库在国内由iGroup公司独家代理,

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