

The word cloud illustrates various concepts and terms related to open knowledge and education, including:

- Open Knowledge**: The central, largest words.
- Academia**, **University**, **Institutions**: Key educational contexts.
- Sharing**, **Society**: Themes of collaboration and public engagement.
- Free**, **Academia**, **Software**: Associated with open access or open source.
- Professional**, **Way**, **Academics**, **Books**: Academic culture and products.
- Leonard Leigh**: A notable figure mentioned.
- Public**, **Individuals**, **Universities**: Stakeholders in education.
- Change**, **Academic**, **Think**: Ideas about the future of education.
- University**, **Students**, **Self-interest**, **Education**: Different perspectives on university life.
- Open**, **Content**, **Work**, **Research**, **Things**: Components of knowledge sharing.
- Academic**, **Change**, **Academy**, **Academics**, **Academy**: Various meanings of the term.

The background features faint, smaller text and logos, including "See also" and "least government seems".

exchange ideas / share knowledge

VIDEOLECTURES.NET

# Od storitve k gibanju...



To arrive at the edge of the world's knowledge,  
look out the most complex and sophisticated minds,  
put them in a room together, and have them ask each  
other the questions they are asking themselves.



# Nov kontekst Akademije

- Odprt dostop – kvalitetne in pregledane vsebine
- Dodatek k formalnemu izobraževanju
- Spreminjanje obstoječih modelov
  - Strukturne spremembe univerz
  - Od podajanja do prodajanja znanj
  - Kompetitivnost
  - Globalne spremembe
- Nuja za prominentne znanstvene konference



# Open academia

Networking

Open access

Open standards

Open licensing

Collaboration

Open management

Sharing

Open software

# Nov kontekst predavanja

- Kompetitivnost: Od podajanja k prodajanju vsebine
  - Kvaliteta vsebine,
  - Nastop,
  - Jezik izražanja in zboren način izražanja
- Zgodovinski spomin: blefiranje
  - Prežvečena predavanja
  - Spreminjanje nazora
- Kritika
  - Sprejemnje kritik
  - Sodelovanje in odgovarjanje



# Nevarnosti in ovire

- Samocenzura: Javni nastop pred svetom, delodajalcem, domačim okoljem,...
- Intelektualna lastnina in avtorske pravice
- Socializacija



# Širši družbeni učinki

- Enakopravnost
  - Spol in položaj ne igrata več pomembne vloge
  - Elitne univerze niso več dostopne samo izbranim študentom
- Znanje je last človeštva in ne posameznika
  - Znanje za vse
- Vsesmerni prenos znanja
  - Multidisciplinarnost
  - Spoznavanje drugih kultur, dosežkov



# Videolectures.net

The screenshot shows the homepage of videolectures.net. At the top, there's a banner for the World Summit Award. The main navigation bar includes links for HOME, BROWSE LECTURES, PEOPLE, CONFERENCES, ACADEMIC ORGANISATIONS, EU SUPPORTED, ABOUT US, and BLOG. A search bar is also present. Below the navigation, there are several video thumbnails with titles like "Uvodni nagovor 6. nanoteknološki dan 2010 Jadran Lenarčič", "Large-scale Machine Learning and Stochastic Algorithms Léon Bottou", "Lecture 28: Introduction to the Standard Java Libraries Mehran Sahami", "Good Practice Case of Romania: e-Health and Interoperability - Healthcare ... Cristian Taslitchi", "Vietnam Remembered Noam Chomsky", and "Uporaba matičnih celic v humani medicini Primož Rožman". On the left, there's a sidebar for CATEGORIES (e.g., Architecture, Arts, Astronomy, Biology, Biotechnical sciences, Business, Chemistry, Computers, Computer Science, Criminology, Earth sciences, Economics, Education, Environment, Events, Health Sciences, History, Humanities, Journalism, Law, Life Sciences, Mathematics, Medicine, Military, Nanoscience) and NEWS (e.g., COIN-PlanetData joint winter school, For those about to Machine Learn - MLSS 2011, Nova predavanja iz Nacionalnega inštituta za biologijo, 16 promo videos about Slovenian top research). On the right, there's a NEWSLETTER section where users can subscribe with their email address.

Največji tovrstni portal na svetu:

> 10.000 obiskovalcev/dan  
(> 18.000 registriranih)

> 14.500 videov  
(300/mesec)

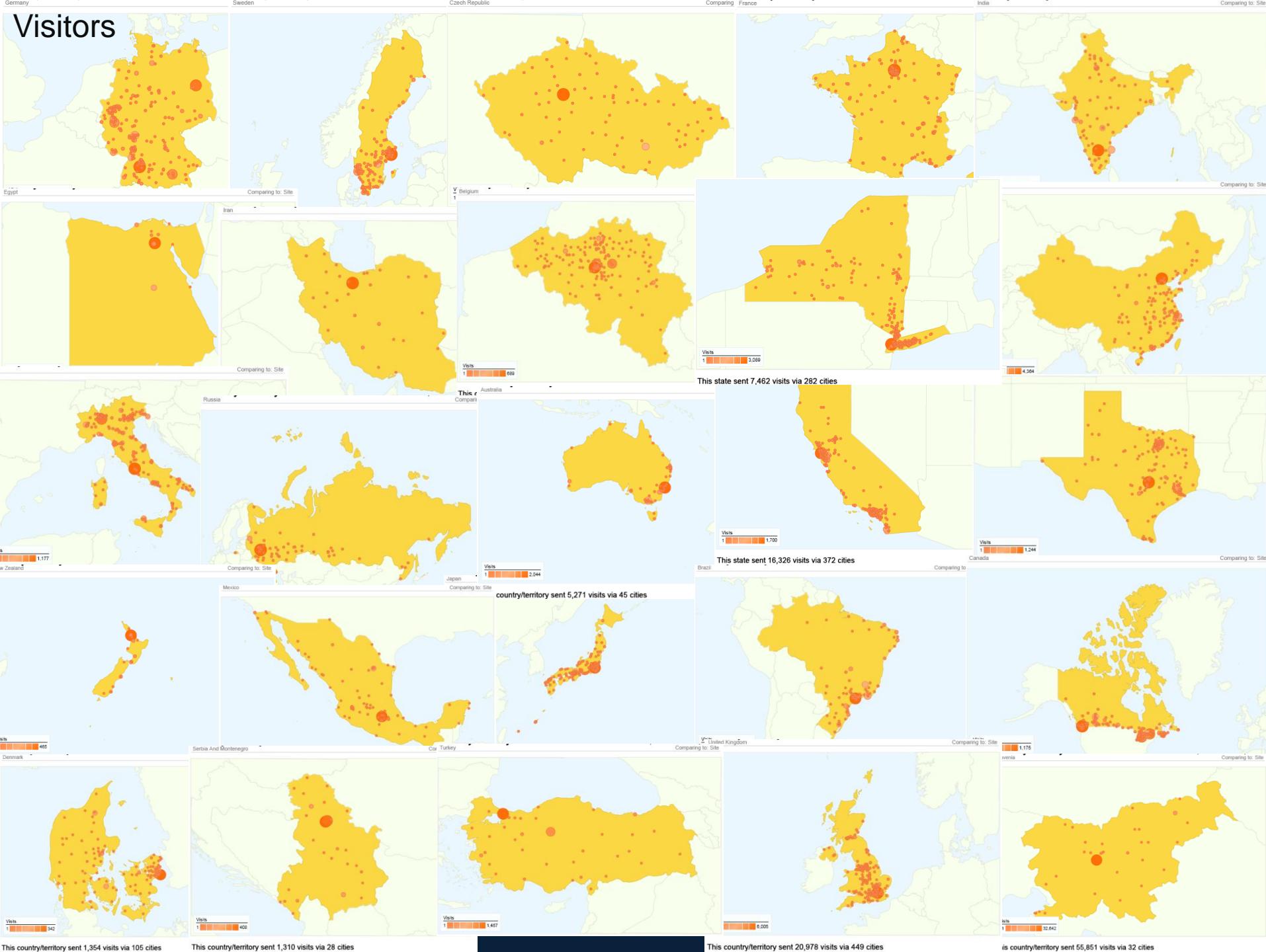
> 15 ljudi

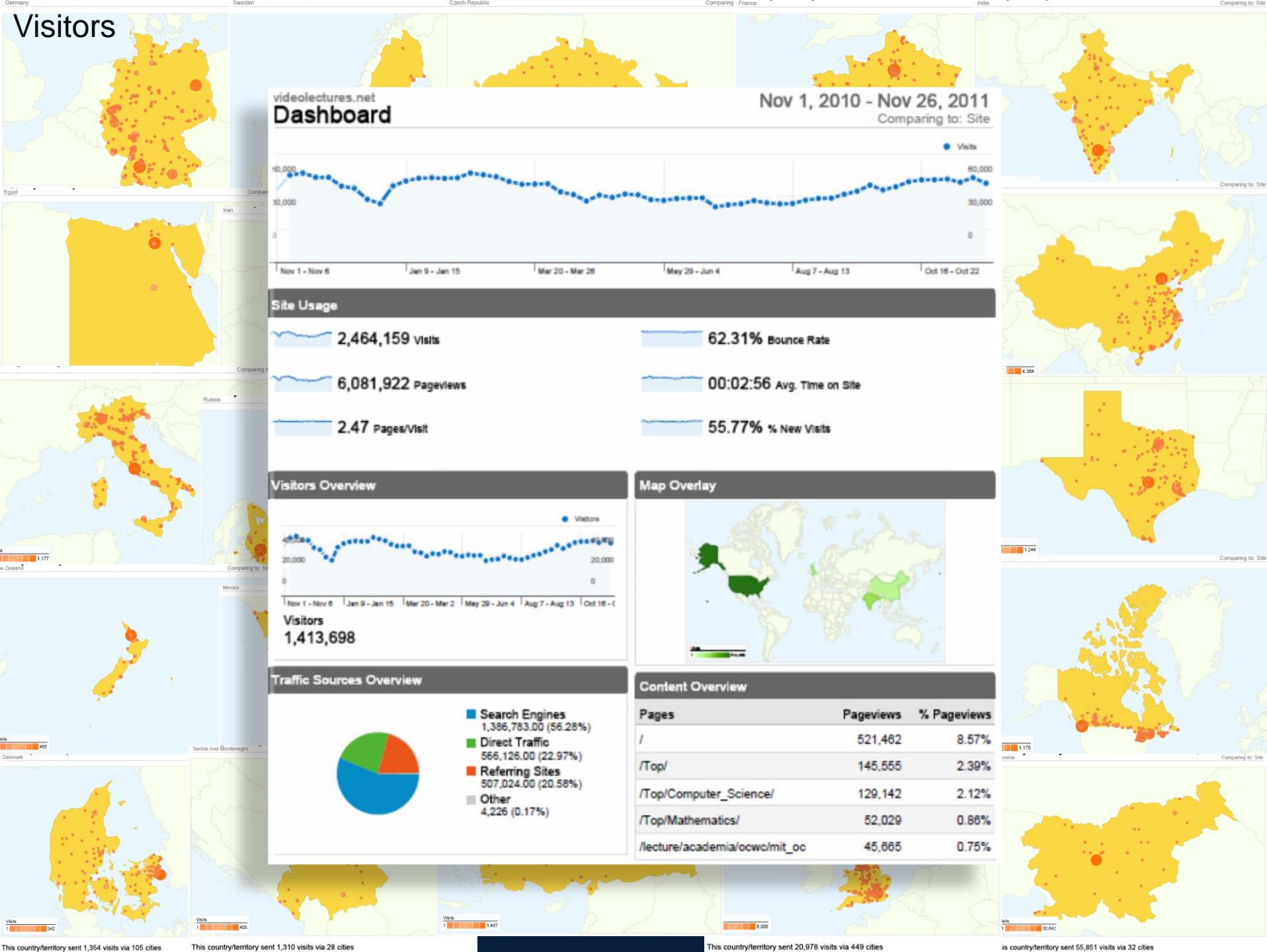


WSA nagrada

Referenčni portal za Univerze in nekatere konference s področja ML

CMU, MIT, Stanford, Berkeley, Cambridge, UCL, Oxford, ETH, CERN, ..., ULJ, UNG, ... KDD, ICML, ICWS, ECML, WSDM, ECWS, IJCAI, ...





# Other channels

facebook Home Profile Friends Inbox 22 Mitja Jermol Settings Log out Search

**Videolectures.NET**  
Global

**Basic Info**  
Type: Common Interest - Science  
Description: The mission of Videolectures.NET is to offer everybody a free access to high-quality scientific video lectures thus expanding educational opportunities, promoting scientific achievements, and facilitating the creation, use, and re-use of Videolectures.NET materials.

**Contact Details**  
Email: sebastian@videolectures.net  
Website: <http://videolectures.net>  
Office: Videolectures.NET  
Location: Jamova 39  
Ljubljana, Slovenia

**Members**  
Displaying 8 of 610 members See All

Ilkka Kakko	Olaf A. Schulte	Marko Mrdjenovic	Aris Kemper	Nina Ranđić	Erik Gomezel	Carmen Aguilera	Pietro Speroni di Fenizio

**Discussion Board**  
Displaying 1 discussion topic Start New Topic | See All

**Related sites + science videos**  
6 posts by 5 people. Updated at 10:16 on 24 March 2009

**The Wall**  
Displaying 5 of 16 Wall posts. See All

Write something... Post

**Jaka Gerčar wrote**  
at 19:41 on 25 March 2009  
Odlična ideja! Mogiče bi bilo dobro v naslednjih letih spektar izobraževalnih posnetkov še razširiti tudi na dijaki, mogiče celo osnovnošolski prostor. Drugače pa super!

**Report**

**Walter Lewin (MIT) wrote**  
at 19:14 on 24 March 2009  
You can watch 100 of my Physics Lectures on the web. 94 on MIT's OpenCourseWare (Newtonian Mechanics 35 lectures, Electricity and Magnetism 36 lectures, and Vibrations and Waves 23 lectures), and 6 on MITWorld. ENJOY!

Applications Online Friends (14)

# Other channels

facebook Home Profile Friends Inbox 22 Mitja Jermol Settings Log out Search

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Global

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Write something...

## Members

Displaying 8 of 610 members

[View Discussion Board](#)  
[Invite People to Join](#)  
[Leave Group](#)  
[Share](#)

**Officers**  
Nina Ranđić Editor

**Group Type**  
This is an open group. Anyone can join and invite others to join.

**Admins**  
Sebastian Mislej

**Events**  
1 upcoming event See All  
ECML-PKDD 2009  
Bled, Slovenia  
07 September at 08:00

**Related Groups**  
[Feed a Child with just a Click!](#)  
[Common Interest - Beliefs & Causes](#)  
[Feed a Child with a Click](#)

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Applications

Online Friends (14)

# First software referencing VL

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**How to Download/Capture videolectures™**

**Recommended for videolectures™**

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Replay Media Catcher can capture the video lectures on VideoLectures.net.  
Downloading streaming video and MP3's as you surf is easy with Replay Media Catcher. Just click start recording, then visit the page you want to record. Any video or streaming MP3's you play are saved and automatically named. It's that simple.  
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Updated: 2008-07-01

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[More Info](#)

**More Information**

Windows Live... Microsoft Ex... How to Dow... Inbox in mit... Microsoft Po... untitled - Paint Search Desktop EN 100% 16:16

# Many great sites are referencing VL

Home | Post New Video | Recent Videos Create Account | Login | Get help!

On The Net

Best Tech Videos

We have 7430 videos / 4339+ hours of high-quality content!

Videos with tag VideoLectures.Net

All | Novice | Advanced | Expert

Finding frequent patterns from data  
Posted in Broadcasting, Science, Lectures, Computer Science...  
Discovery of frequent patterns = finding positive conjunctions that are true for a given fraction of the observations - this basic idea can be instantiated in many ways: - finding frequent sets fro... [read more](#)

Tags: VideoLectures.Net, Machine Learning, Pattern Recognition, Lectures, Broadcasting, Computer Science

Level: advanced | Oct 28, 2008 | Votes: 0 | Dmytro Shteflyuk | [0](#)

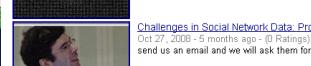
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Dr. Paul

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VIDEO results 1 - 10 for [videolectures.net download](#)



Videolectures Net (videolectures)  
Oct 1, 2008 - 6 months ago - (0 Ratings) - 0:00 All Time22.



Challenges in Social Networks: Data, Processes, Privacy and...  
Oct 27, 2008 - 5 months ago - (0 Ratings) - send us an email and we will ask them for your Disclaimer: Videolectures.Net emphasises that the quality of this video was n...



Re: Free Will & Other Acts Against Nature  
Oct 52 - Mar 13, 2009 - 19 days ago - (7 Ratings) - ,version=9, Video lecture on Haynes Experiment [http://videolectures.net/john\\_dylan\\_haynes/](http://videolectures.net/john_dylan_haynes/) A lot of the reference material



Moshe Idel: Synchronic and Diachronic Complexities in Kabbalah  
Oct 21 - Nov 16, 2008 - 4 months ago - (3 Ratings) - The world's preeminent Kabbalah scholar Prof. Moshe Idel riffs upon the Synchronic and Diachronic Complexities in Kabbalah...



Highlights of APE 2009 – Day 2  
Feb 1, 2009 - 1 month ago - (0 Ratings) - ,talked about videolectures.net, a website streaming online video lectures that can be viewed for free. All the content on vide...

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Home Courses Donate About OCW Help Contact Us Enter search keyword Advanced Search

Home > Courses > Physics > Physics I: Classical Mechanics Email this page

Video Lectures - Lecture 11

Topics covered: The concepts introduced are: work, conservative forces, potential energy, kinetic energy, mechanical energy, and Newton's law of universal gravitation.

Instructor/speaker: Prof. Walter Lewin

Transcript: (HTML) (PDF)

Free download: iTunes U (MP4 - 111 MB) Internet Archive (MP4 - 111 MB) Internet Archive (32 - 112 MB)

Resources: Topic index

Free streaming: [Videolectures.net](#)

## Engineering Lectures with a Capital "E"!

Every so often a web site comes along which really excites me, [VideoLectures.Net](#) is such a portal. I can't stress to highly that you must visit this web service (doesn't mean you have to ignore my other posts!). [VideoLectures.Net](#) is sponsored by some of Europe's leading technology societies, and the wealth of free engineering lectures is

Tutorials (all): [Fuzzy Logic Tutorial from the Konstanz University](#)

It goes without saying (but I'll say it anyhow) that this content has been added to the Engineering Learning Wiki [Lecture Section](#) and its embedded custom Google Co-op Search Engine. As I spend more time on the site I will integrate it with more sections of the [wiki](#).

Did I mention you will find nary an advertisement on [VideoLectures.Net](#)? This service truly is promoted the concept that knowledge should be free. As a final aside, even if you are not a technologist, link on over and you'll find sections ranging from [Business](#) to [Philosophy](#). However, the primary focus of the site is technology based content.



Posted at 07:33 AM in [eLearning](#) | [Permalink](#) | [Comments \(0\)](#)

June 10, 2008

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And LB-J responds with a "peace" commercial ... rather funny given how he took us into Vietnam.

- [Peace Little Girl Daisies](#) | Campaign Commerical Video (Beware the atom bomb and by implication, [Barry Goldwater](#))

I chose this content for Blast #7 as it is indicative of how the web has exploded with phenomenal material which both support formal education at all levels ([Engineering Learning Wiki](#)), or for the eternal student in all of us. Both of these commercials are from the website: [The Living Room Candidate](#).

The 1964 election was the first campaign that I can remember. [Visit my earlier post](#) to learn some of my recollections as an eight year old boy!

# Scientist bibliographies

**Mirco Nanni: Bibliography by year**

 = GZipped PostScript  = PDF

**2008**

	<p><i>Osman Abul, Francesco Bonchi, Mirco Nanni.</i> <b>Never Walk Alone: Uncertainty for Anonymity in Moving Objects Databases.</b> In <i>Procs. of the 24th International Conference on Data Engineering (ICDE 2008)</i>. The NeverWalkAlone software can be downloaded from the <a href="#">NWA web page</a>.</p>
	<p><i>S. Ronzivillo, D. Pedreschi, M. Nanni, F. Giannotti, N. Andrienko, G. Andrienko.</i> <b>Visually-driven analysis of movement data by progressive clustering</b> Workshop on <i>GeoVisualization of Dynamics, Movement and Change (GeoVis'08)</i>, at the AGILE 2008 Conference. Extended journal version appeared on Special Issue of <a href="#">Information Visualization journal</a> (Vol. 7 No. 3).</p>
	<p><i>R.G. Pensa, Mirco Nanni.</i> <b>A Constraint-Based Approach for Multispace Clustering.</b> Proceedings of Workshop <i>From Local Patterns to Global Models (LeGo '08)</i>, at ECML/PKDD-08 Conference.</p>

**2007**

	<p><i>Fosca Giannotti, Mirco Nanni, Dino Pedreschi, Fabio Pinelli.</i> <b>Trajectory Pattern Mining.</b> In <i>ACM International Conference on Knowledge Discovery and Data Mining (KDD 2007)</i>. See also the <a href="#">video of presentation</a> (~18 mins) on videolectures.net (PDF of slides available there, too). The T-Pattern Miner software can be downloaded from here: <a href="#">T-Patterns @ SourceForge</a>.</p>
---	---

**2006**

	<p><i>Mirco Nanni, Christophe Rigotti.</i> <b>Quantitative Episode Trees.</b> In <i>Procs. of the Workshop on Knowledge Discovery in Inductive Databases (KDID '06)</i>. An extended version also appeared in LNCS 4747 / 2007: <a href="#">"Extracting Trees of Quantitative Serial Episodes"</a>, 2007.</p>
	<p><i>Mirco Nanni, Dino Pedreschi.</i> <b>Time-focused density-based clustering of trajectories of moving objects (extended version).</b> In <i>Journal of Intelligent Information Systems (JIIS), 27(3):267-289</i>, Special Issue on "Mining Spatio-Temporal Data", 2006.</p>
	<p><i>Fosca Giannotti, Marco Nanni, Dino Pedreschi.</i> <b>Efficient Mining of Temporally Annotated Sequences</b> In <i>Proceedings of SIAM Data Mining Conf. 2006 (SDM'06)</i>.</p>
	<p><i>Fosca Giannotti, Mirco Nanni, Dino Pedreschi, Fabio Pinelli.</i> <b>Mining Sequences with Temporal Annotations</b> In <i>Proceedings of ACM SAC 2006 - DM Track (SAC'06)</i>.</p>

**2005**

	<p><i>Fosca Giannotti, Mirco Nanni, Dino Pedreschi, Chiara Renzo.</i> <b>GeoPKDD: Geographic Privacy-aware Knowledge Discovery (Vision paper).</b></p>
---	--

Windows taskbar:

- start
- Windows Live... Microsoft Ex... Mirco Nanni... Inbox in mitj... Microsoft Po... untitled - Paint Search Desktop
- EN 100% 16:57

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[Never Walk Alone: Uncertainty for Anonymity in Moving Objects Databases.](#)

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**GeoPKDD: Geographic Privacy-aware Knowledge Discovery (Vision paper).**

start Windows Live... Microsoft Ex... Mirco Nanni:... Inbox in mit... Microsoft Po... untitled - Paint Search Desktop EN 100% 16:57

# Impact on hackers

Let's take this site for example: <http://videolectures.net/> ➔ Start a Wireshark capture session before clicking on a video on the site to play it. Let Wireshark grab all the information exchanged between your PC and the remote flash server and you can stop the capture once the video begins to play. I will use this video as an example: [http://videolectures.net/ff06\\_chomsky\\_szmp/](http://videolectures.net/ff06_chomsky_szmp/) ➔ [update Jun-2008: looks like they changed this particular video to Windows media instead of Flash, so try other videos or other sites]

In Wireshark you can filter for protocol "rtmpt" and the first few entries would be handshake or "invoke" operations. Examining the "Handshake part 3" we can easily get the value of the required "app" property.

To compile:

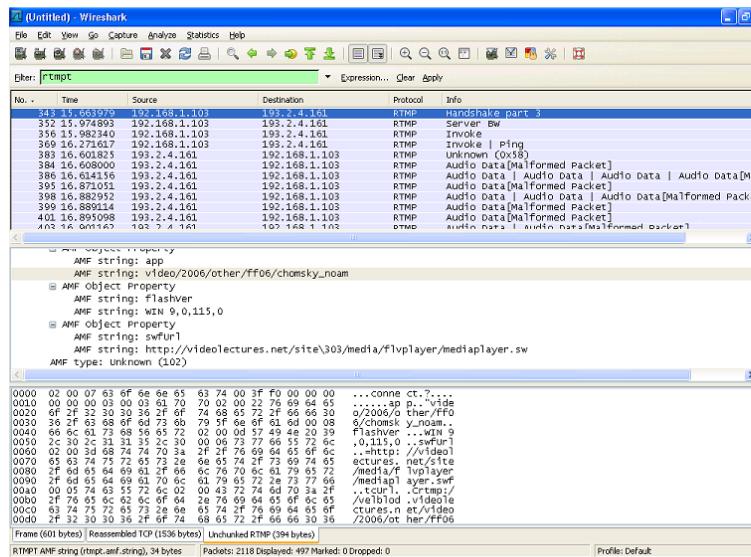
```
commons-jcl104-o  
logback-logback-mina-cor  
red5.jar  
slf4j-ap  
spring-b  
spring-c  
spring-core-2.0.8.jar
```

We need the latest Red5 JAR built from version control (not the latest official release) and I have uploaded these files here: [red5-rtmp-client-libzip.pdf](#) ➔ just rename the file to end with ".zip" after downloading.

The code shown is hard-coded to connect to "localhost", app name "oflaDemo" and stream name "IronMan.flv" which can be tested on the official Red5 server distribution which you can [download](#) ➔ and run. When it comes to downloading flash streams from the internet, [Wireshark](#) ➔ can be used to sniff out the values you need.

Let's take this site for example: <http://videolectures.net/> ➔ Start a Wireshark capture session before clicking on a video on the site to play it. Let Wireshark grab all the information exchanged between your PC and the remote flash server and you can stop the capture once the video begins to play, we are only interested in what goes on during the connection handshake. I will use this video as an example: [http://videolectures.net/ff06\\_chomsky\\_szmp/](http://videolectures.net/ff06_chomsky_szmp/) ➔ [update Jun-2008: looks like they changed this particular video to Windows media instead of Flash, so try other videos or other sites]

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# Lecturers are becoming famous

The screenshot shows the SciTalks website interface. At the top, there's a navigation bar with links for 'Log In | Sign Up', a search bar, and category filters like 'All', 'Academic', 'Broadcast', 'Corporate', and 'NEW!'. Below the navigation is a section titled 'Academic Videos: Information Technology'. A video thumbnail for 'Glenn Edens' presentation is displayed, featuring a portrait of Glenn Edens and a close-up of the GRID Compass laptop's internal circuitry. The video has a rating of 3.0/5 from 1730 votes.



**Marko Grobelnik**

Josef Stefan Institute

[Context Sensitivity in Knowledge Rich Systems](#)

on: [Videolectures.net](#)

*The main goal of this tutorial is to provide an extensive survey of the past and current work in the area of context related topics. This includes analysis of the past work: (1) defining the notion of context, (2) present logic-based formalisms for dealing with contexts, (3) present probabilistic/fuzzy approaches to model context, (4) demonstrate modelling the context and reasoning with contexts in real-life applications.*

**★★★★★ 3.0/5 (1778 votes)**

Video format: [mpe4](#) / [flash video](#) / [windows media](#)

Time: [Send link to a friend](#)

'Horizon Nova  
everyone else

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share  
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in the  
dents whether  
try Krato,



100%

17:07

# Izzivi

- Tehnični:
  - Open CDN
  - Interoperabilnost
  - Tehnologije za ekstrakcijo informacij iz videa
  - Semantic preiskovanje in personalizacija storitev
- Vsebinski
  - Standardi vsebin
  - IPR
  - Inteligentna mreža atomov znanj
- Organizacijski
- Konceptualni:
  - Izmenjava znanj
  - Obiskovalci kot "Global cognitive authority"
  - Novi poslovni modeli

# Kako odgovarjamo na izzive?

## OpenCourseWare

MIT + >140  
Universities

Curriculum,  
standards, quality of  
training



## OpenCast

Berkeley, ETH + 40 top  
World Universities

OS for video recording  
at Universities

VL as CDCs



## Open CDN

Videolectures + JSI  
team

Using University  
Internet links and  
servers

Knowledge4All foundation

# K4A - reach



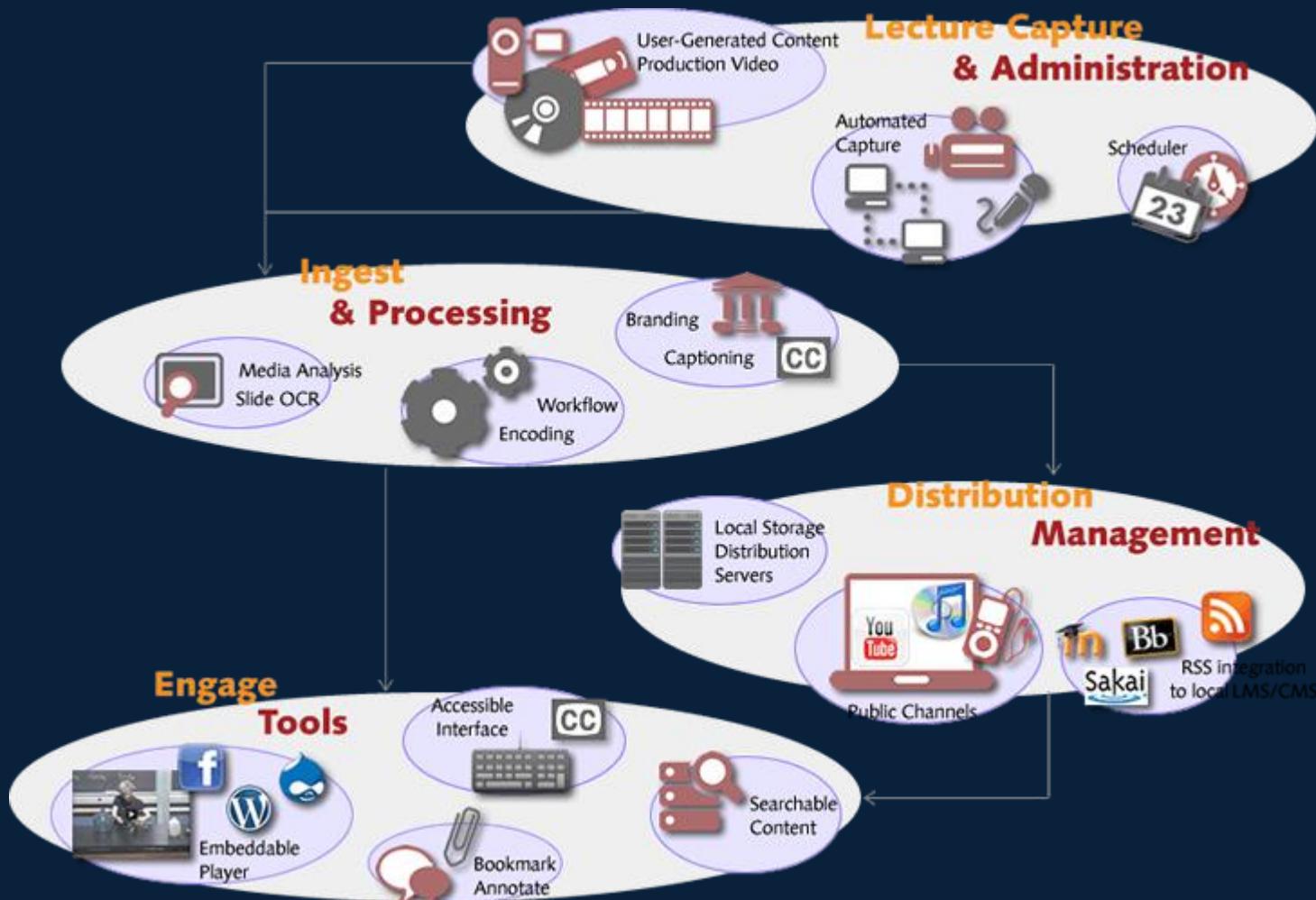
# Kje je Slovenija?

- V centru dogajanja!
- Priprava na prvo državo kot pilot, ki se je strateško odločila za odprt dostop do vsebin
- Core skupina:
  - Evropa – Pascal2 Network of Excellence (56)
  - US: Berkeley + Opencast (250), MIT + OCW (140)
  - Asia: Korea University + Network (22)
  - Africa: Voices of Africa, Kenya + East Africa Universities (22), Kofi Annan Center for ICT and Development, Ghana + West Africa Universities (34)
  - Midde East: US University Dubai + network (8)

# Prihodnost?

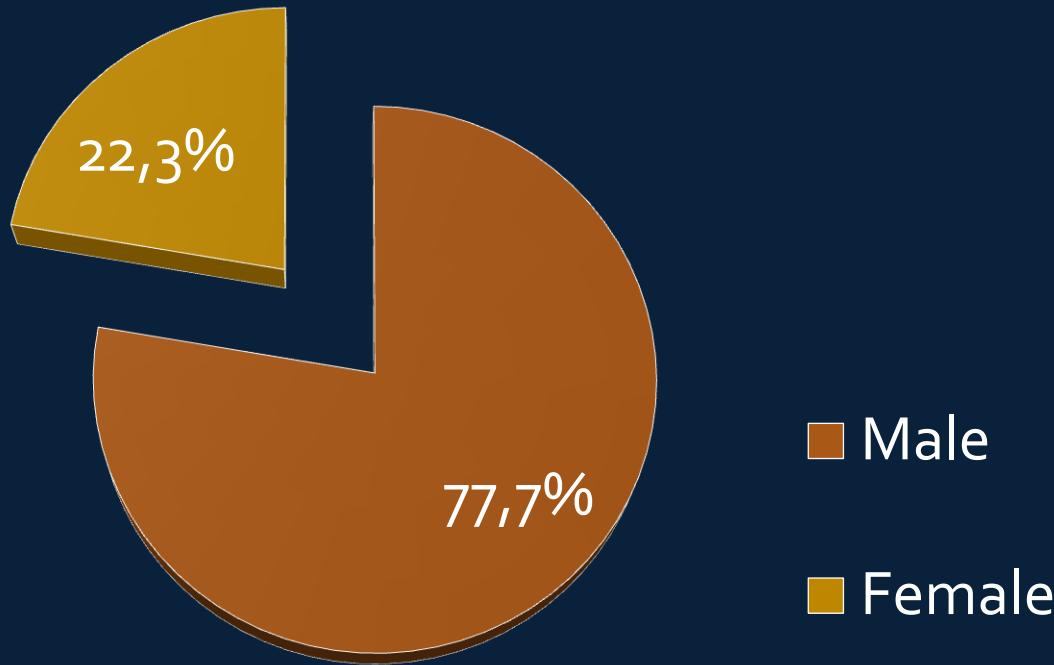
- 300/teden – 3000/teden v 2010/11
- Odprte knjižnice predavanj
- SCI video znanstvene revije
- Virtualne konference
- Virtualne univerze
- Web 2.5 for learning
- Innovation tube
- Preskok na srednje in osnovne šole

# Matterhorn



- <http://www.opencastproject.org/project/matterhorn>

# General Overview -(3,533 answers / 20 skipped)



# Women in the survey

- Age range: 21% above 46, 20.2% 26-30
- Currently enrolled or employed: 54.5% University
- Position: student 29.1%
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# cute

## words used

Irish

things

feel  
language  
question  
little  
Among  
yummy  
senses  
male  
Ireland  
Latin  
whore  
lesser

Art  
sex  
Vocabulary  
quick-witted

honesty  
affection  
examine  
Culture  
wrote

Acute  
supplied  
given  
Twitter-based  
reported  
corpus

case  
Speech  
insults  
time closer

Males  
rather  
refer  
listed

student kind  
abuse  
described  
usually  
often  
different  
American  
devious  
Womanwords  
hardly  
mainly  
indicate  
many people  
principally  
rarely  
Chandler  
girls just  
ago  
sleep  
desks  
http  
Centuries  
young  
might feature  
Derives  
Dictionary  
offended  
appearance  
Cheris take  
speech

good  
comes  
guy sometimes  
alike  
hair  
June  
man  
Jane general  
Hoor  
google  
wait  
awful  
needle attractiveness  
connotations  
depends  
world  
One sharpen  
English  
third tried  
feet

respect  
acus  
physical  
boys  
gender  
many people  
principally  
rarely  
Chandler  
girls just  
ago  
sleep  
desks  
http  
Centuries  
young  
might feature  
Derives  
Dictionary  
offended  
appearance  
Cheris take  
speech  
males sense  
something Obviously  
relationship  
sharp men  
Society look  
one  
gender-skewed  
hoorism  
use  
Cute  
someday  
attractiveness  
depends  
world  
One sharpen  
English  
third tried  
feet

