

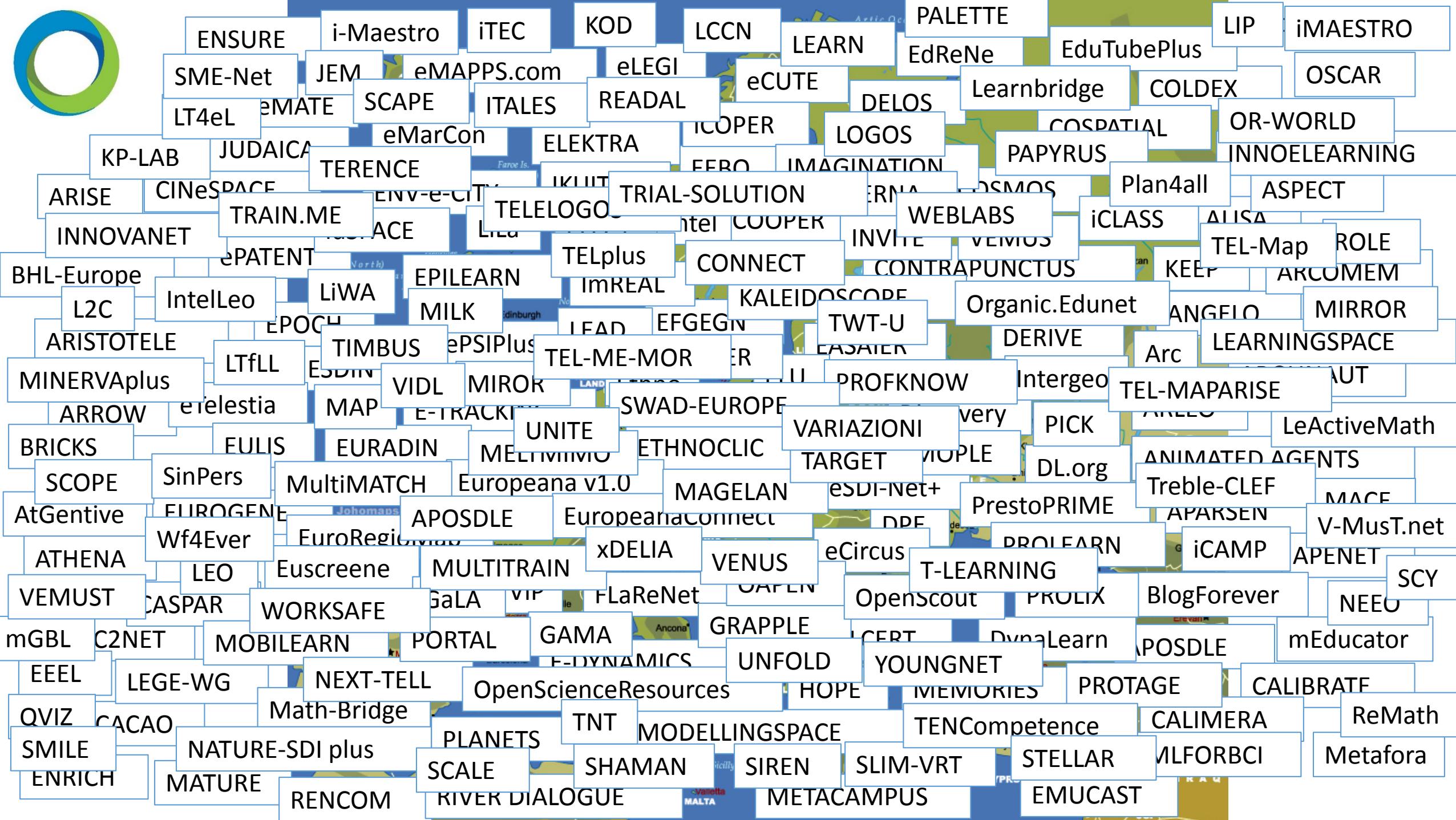


Referenčna država za otvoreno obrazovanje

Mitja Jermol

UNESCO Chair in Open Technologies for Open Educational Resources
and Open Learning
Institut Jožef Stefan, Slovenia







Opening Up Slovenia

- Je inicijativa i ne projekat
- Komplementarno i ne alternativno obrazovanje
- Nastala iz potrebe a ne zbog političke odluke
- Nacionalna inicijativa sa globalnom dimenzijom
- Međunarodno priznana i podržana na nacionalnem, EU i UNESCO nivoju



Kako smo u Sloveniji dosli do OuS?



Kako smo u Sloveniji dosli do OuS?

Cjelovit i sistemski pristup



Kako smo u Sloveniji dosli do OuS?

Cjelovit i sistemski pristup

Uključivanje svih aktera: Open community



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Potreba po promjeni: Bottom Up



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Informiranje, Slušanje, Dijeljenje, Saradživanje



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Formalna politička potpora



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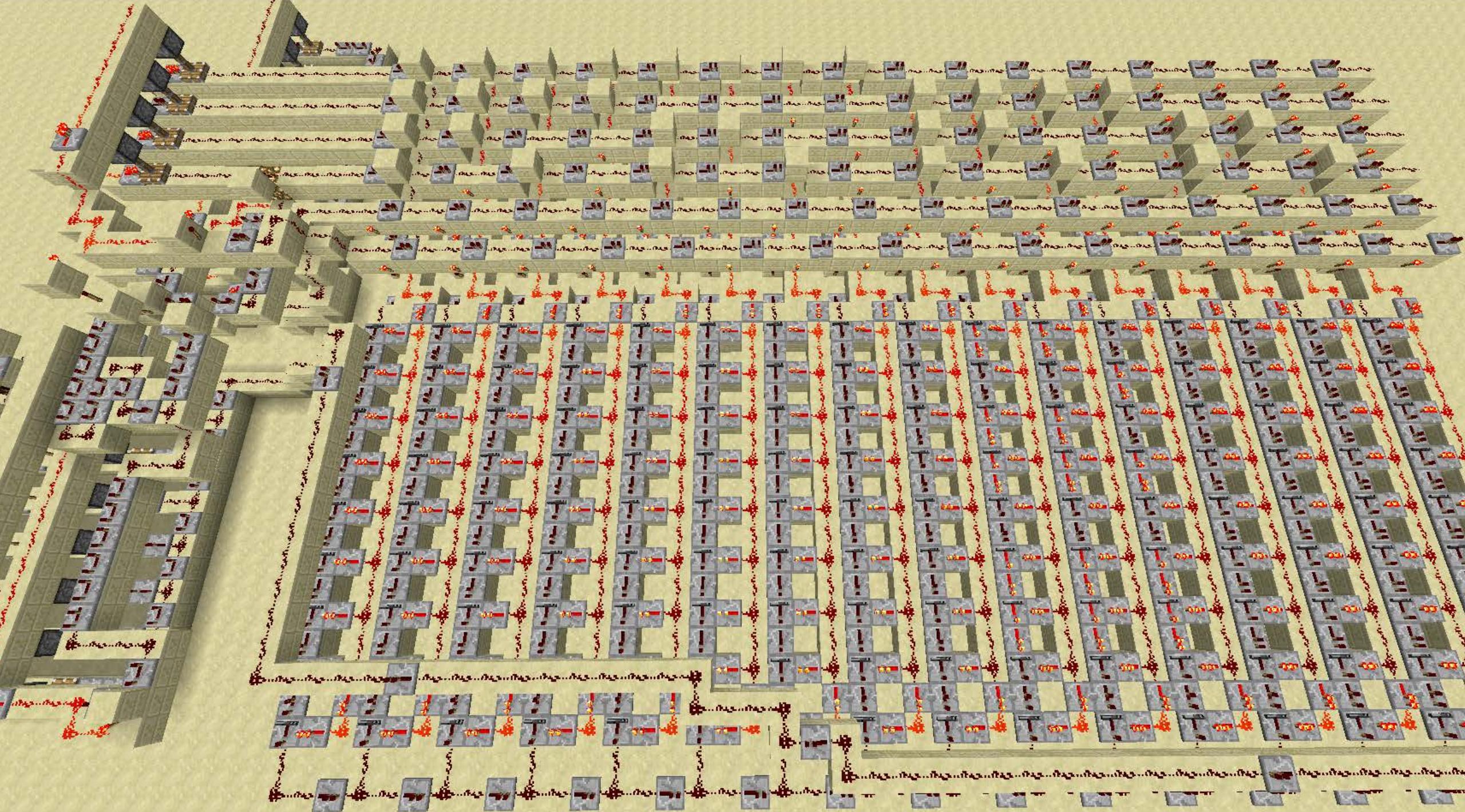
Projekti sa konkretnim rezultatima

Formalna politička potpora

Malá Velika Zemlja









Open Educational Resources



UNESCO: 1st Global OER Forum in 2002



Open Educational Resources

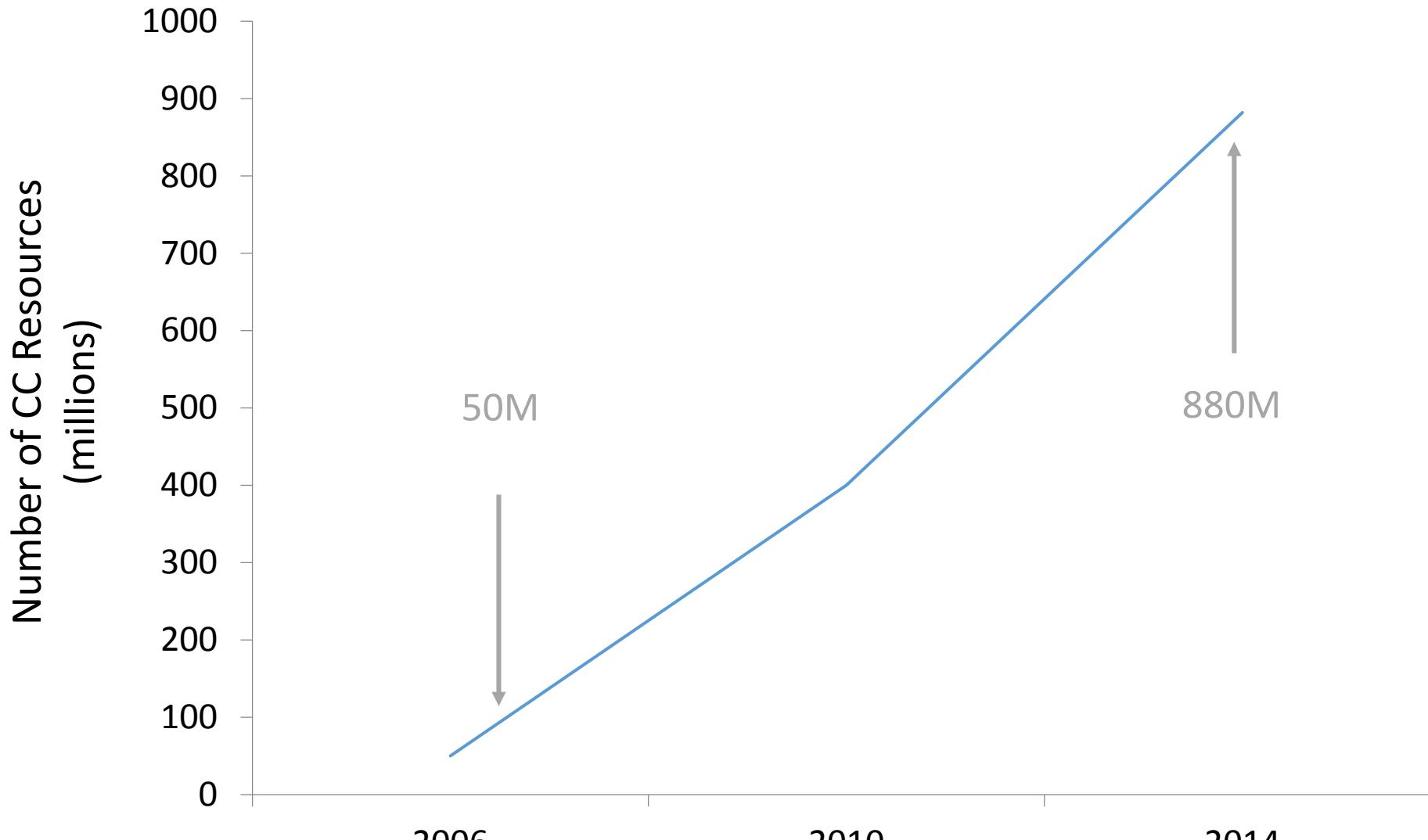


OPEN = FREE + PERMISSIONS

UNESCO: 1st Global OER Forum in 2002



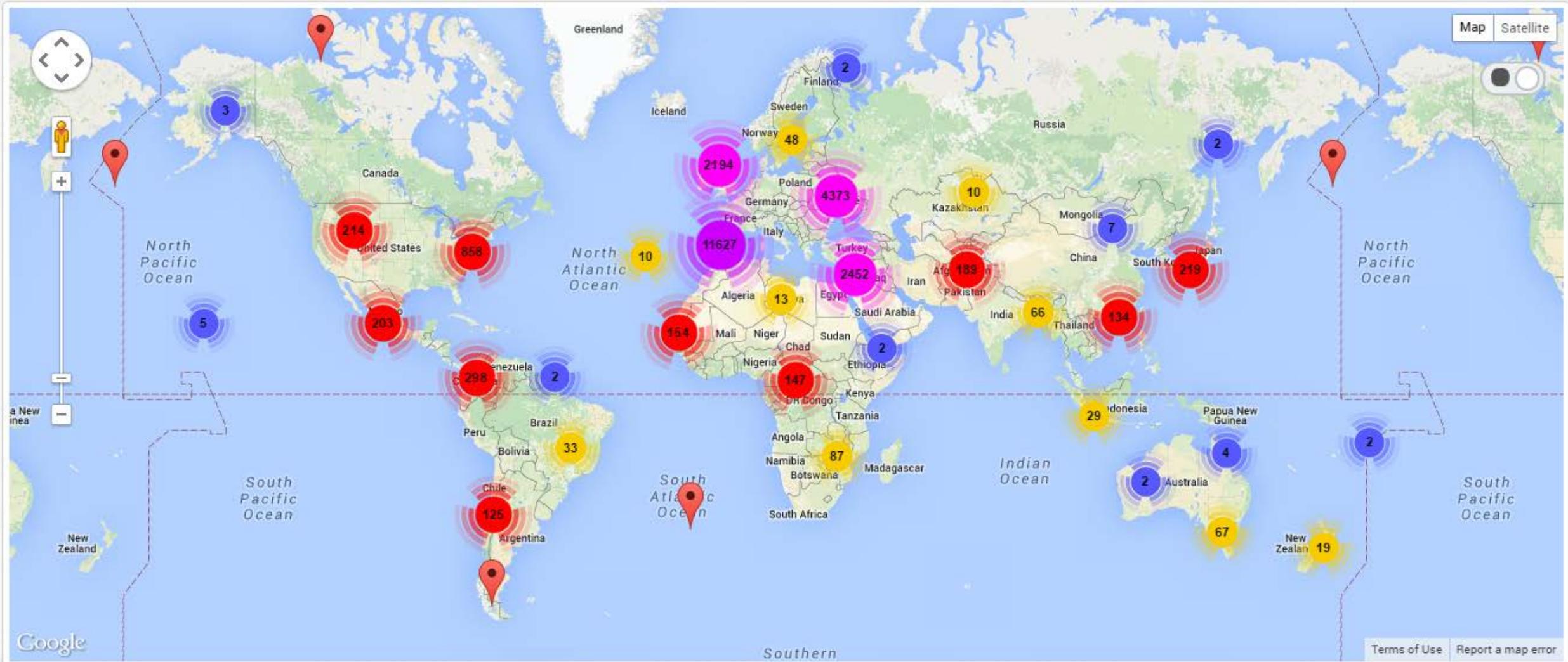
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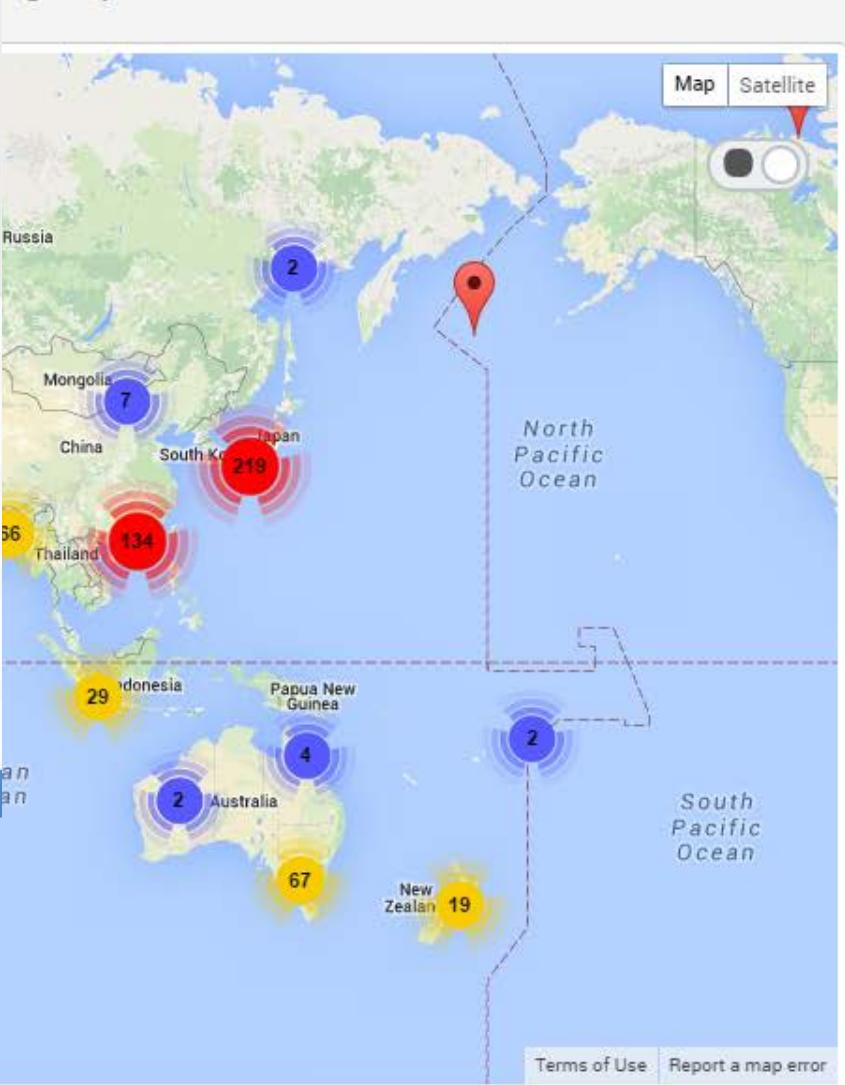
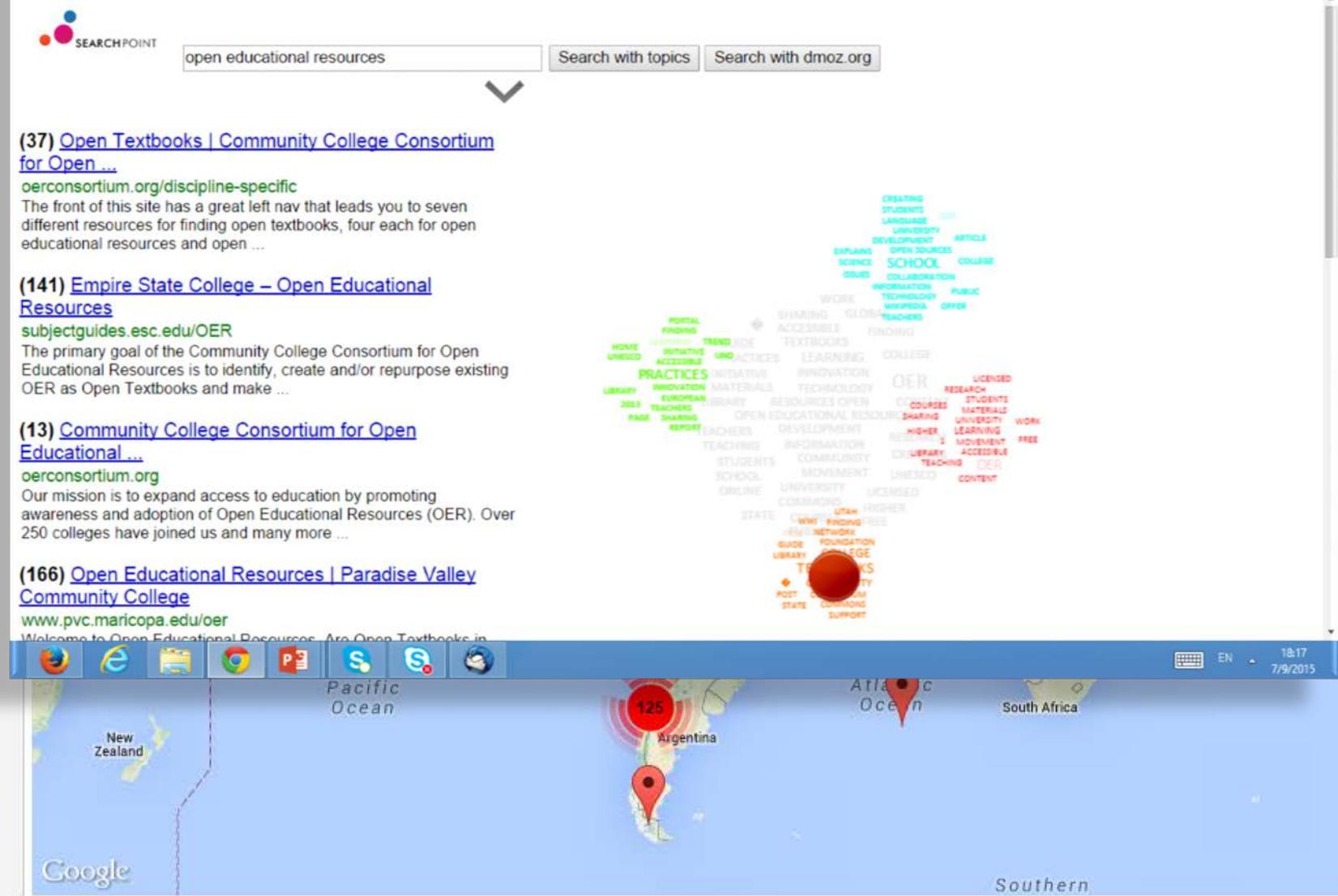


Source: Hewlett Foundation

23004 events have a known geographic location

The map shows the relevant locations for the events. The number of shown events can be lower than the number of search results since we might not be able to determine event location for all events. Choose a particular time period in the bottom to highlight only a subset of events.





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Welcome to Open Educational Resources. Are Open Textbooks in

Content

- What is Volatility?
- The Volatility Prediction Problem
- The GARCH Model
- LMS-GARCH(1,1) and RLS-GARCH(1,1) Algorithms
- Experiments

1ère définie par l'affichage quelle est la volatilité pour ceux qui vit dans une les solutions traditionnelles

Lecture popularity: ★★★★ You need to login to cast your vote.

Twitter 0 G+ 0 in Share 0 0

See Also:

- Download slides: learning06_gredilla_pelag_01.pdf (277.9 KB)
- Streaming Video Help

Link this page

Would you like to put a link to this lecture on your homepage? Go ahead! Copy the HTML snippet!

Reviews and comments:

Slides

- 0:00 Preliminary Experiments with On-line Adaptive GARCH Models
- 0:25 Content
- 0:44 What is Volatility? (III) pt 1
- 1:55 What is Volatility? (III) pt 2
- 2:09 What is Volatility? (III) pt 1
- 2:32 What is Volatility? (III) pt 2
- 2:50 The Volatility Prediction Problem pt 1
- 3:16 The Volatility Prediction Problem pt 2
- 3:52 The Volatility Prediction Problem pt 3
- 4:11 The Volatility Prediction Problem pt 4
- 4:54 The Volatility Prediction Problem pt 5
- 5:19 The Volatility Prediction Problem pt 6
- 5:45 The GARCH Model (III) pt 1
- 6:06 The GARCH Model (III) pt 2
- 7:04 The GARCH Model (III) pt 3
- 7:58 The GARCH Model (III) pt 1
- 8:34 The GARCH Model (III) pt 2

1 person in chat 17:42 7/9/2015

New Zealand 125 Argentina 67 New Zealand 19 Southern

Terms of Use Report a map error

2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

The image shows a computer desktop with three browser tabs open and a smartphone displaying the PhotoMath app.

Top Left Tab: searchpoint.ijs.si/result.html?q=open%20educational%20resources&c=kmeans

Top Right Tab: Preliminary Experiment | videolectures.net/learning06_gredilla_pelag/

Bottom Tab: Switch off the lights

Smartphone Screen:

The smartphone screen displays the PhotoMath app interface. A mathematical problem is being solved: "Find integers such that the sum of the chairs is \$1670. The table also shows that the price of the chairs is \$19. Find the price of the chairs." The solution is shown as $x = \frac{5}{2}$.

Browser Tabs Content:

(37) Open Textbooks | Community College Consortium for Open ...
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Video Lectures Page:

The video lectures page is titled "Content" and discusses "Signal Theory". It includes sections on "What is Volatility?", "The Volatility Prediction Problem", "The GARCH Model", "LMS-GARCH(1,1) and RLS-GARCH(1,1) Algorithms", and "Experiments". Below the content, a message in French reads: "1ère définie par l'affichage quelle est la volatilité pour ceux qui vit dans une les solutions traditionnelles".

Slides Panel:

A list of slides is provided, starting with "0:00 Preliminary Experiments with On-line Adaptive GARCH Models" and continuing through various topics related to volatility and GARCH models.

Map and Timeline:

A map of the Southern Hemisphere shows data points for New Zealand (67) and New Zealand (19). A timeline at the bottom indicates the period from 2009 to 2016.

open educational resources x Preliminary Experiment x

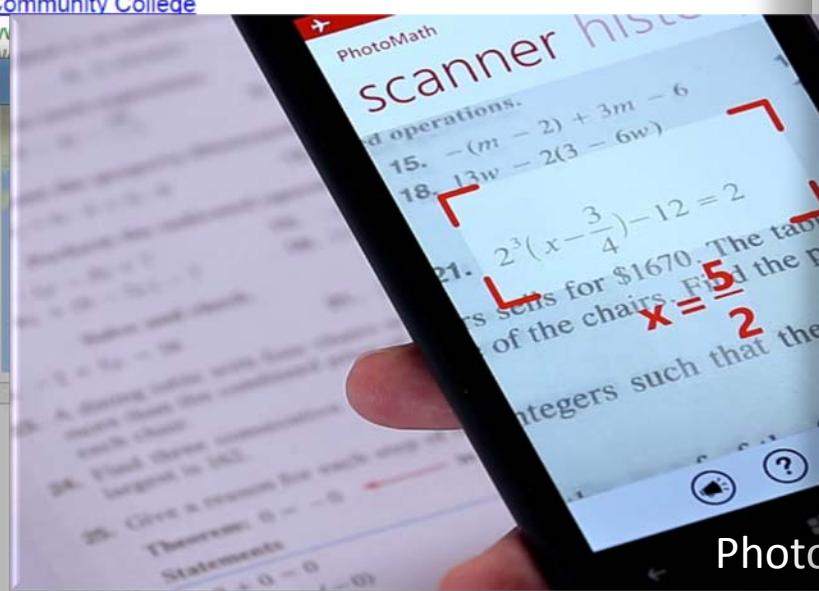
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Switch off the lights

Content

What is Volatility?
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Experiments

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What is Volatility?
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Experiments

Preliminary Experiment x

videolectures.net/learning06_gredilla_pelag/

Content

Experiments
Conclusions

http://seminars.ijz.si

Department of Communications

Department of Communications

Conclusions

present watching replaying

Acquisition 24.3% Attention 79.9% Retention 36.4% Returning 9.5%

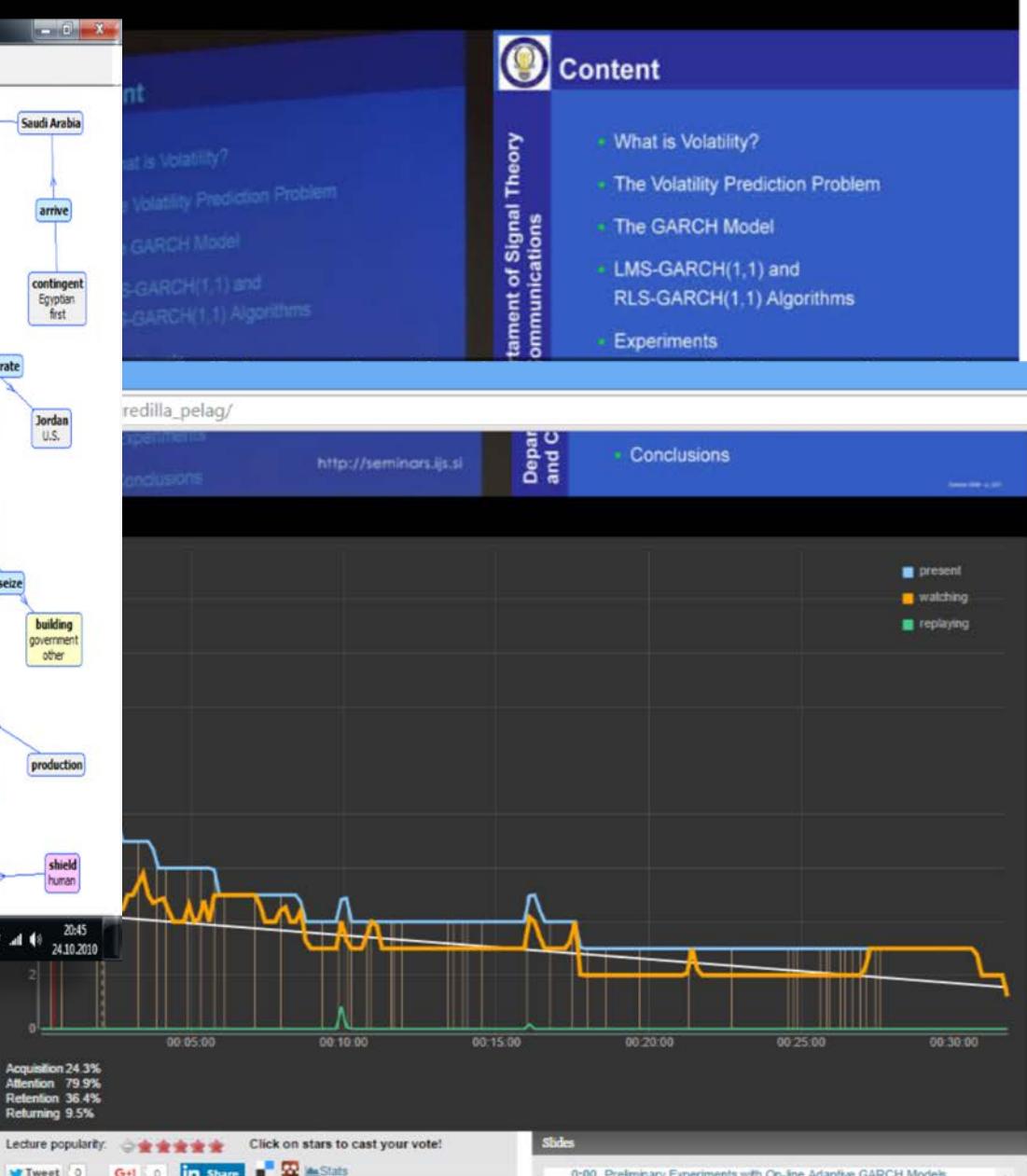
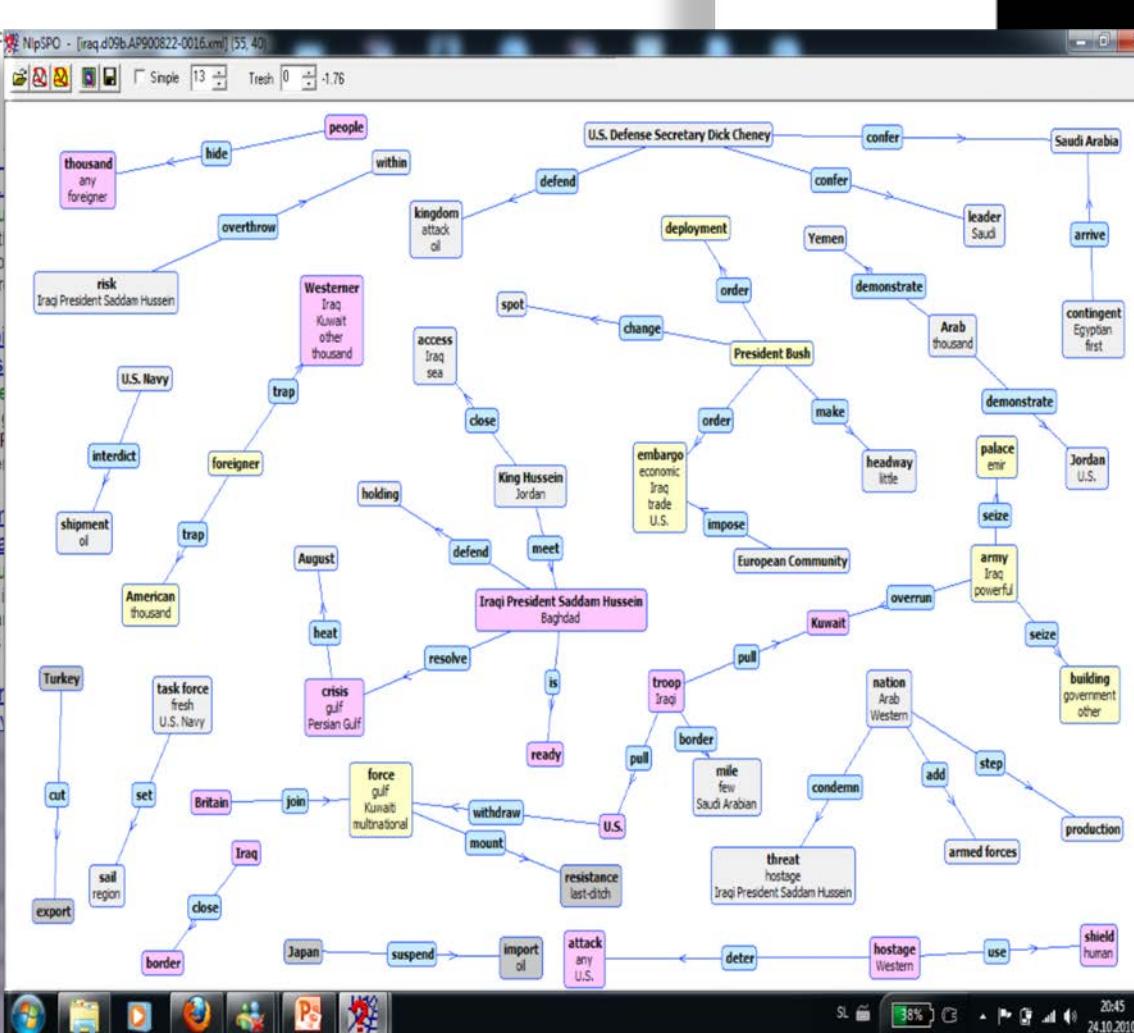
Lecture popularity: Click on stars to cast your vote!

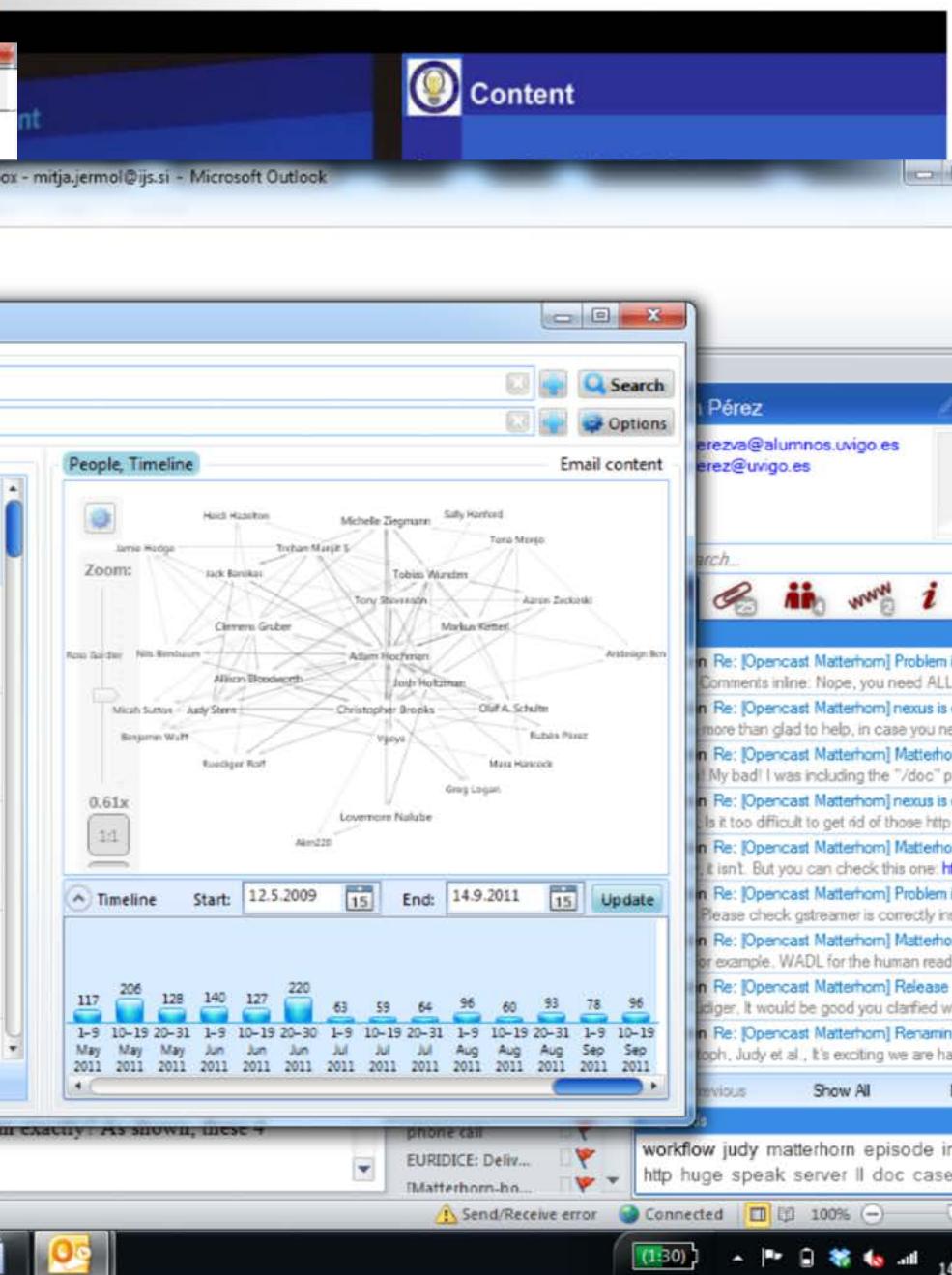
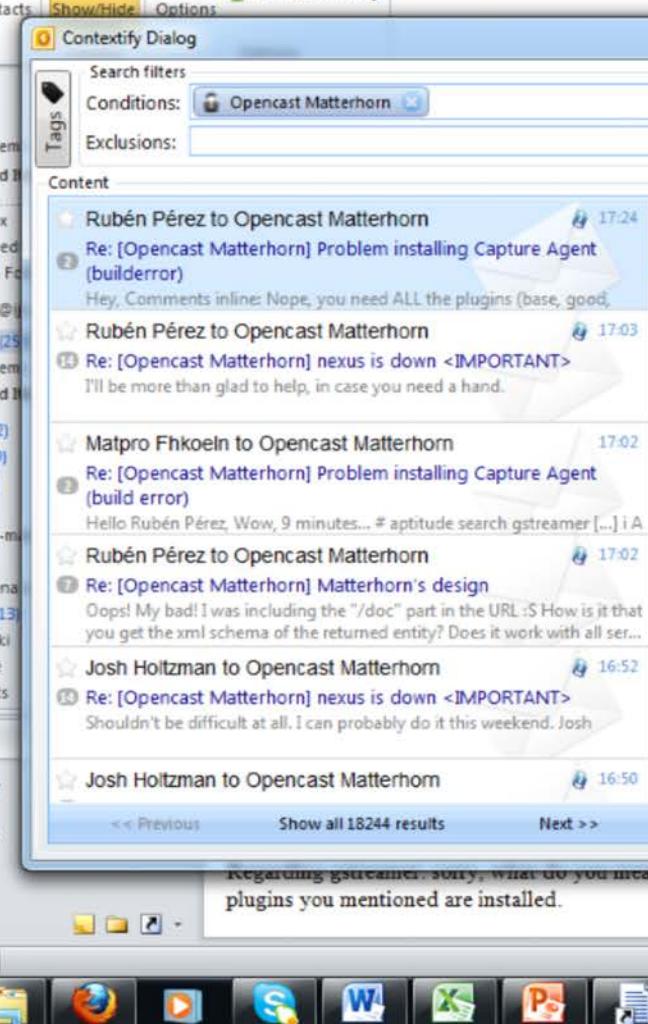
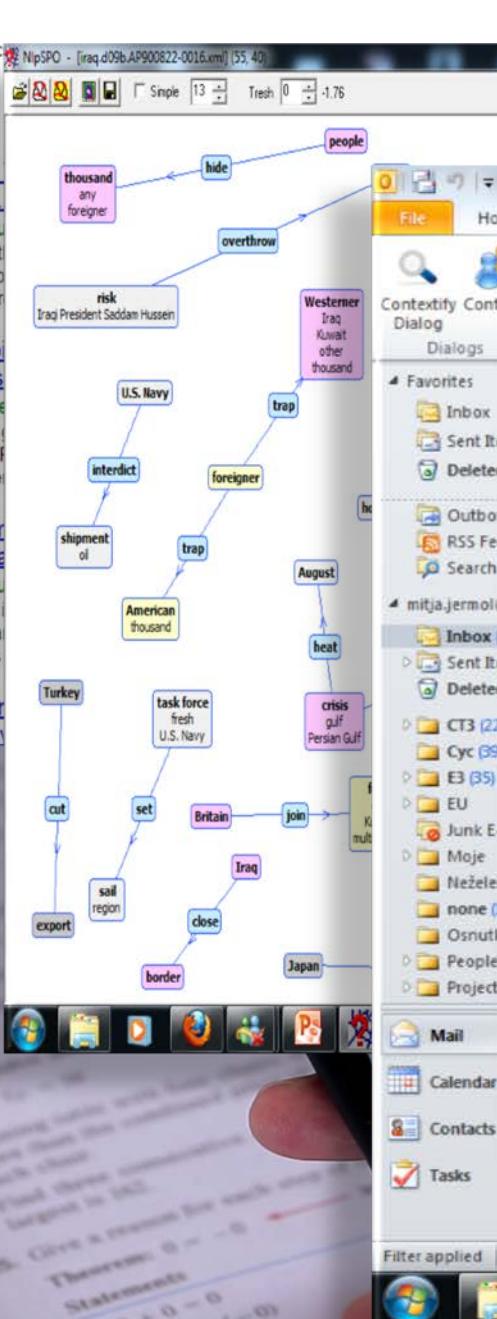
Twitter 0 G+ 0 in Share in Stats

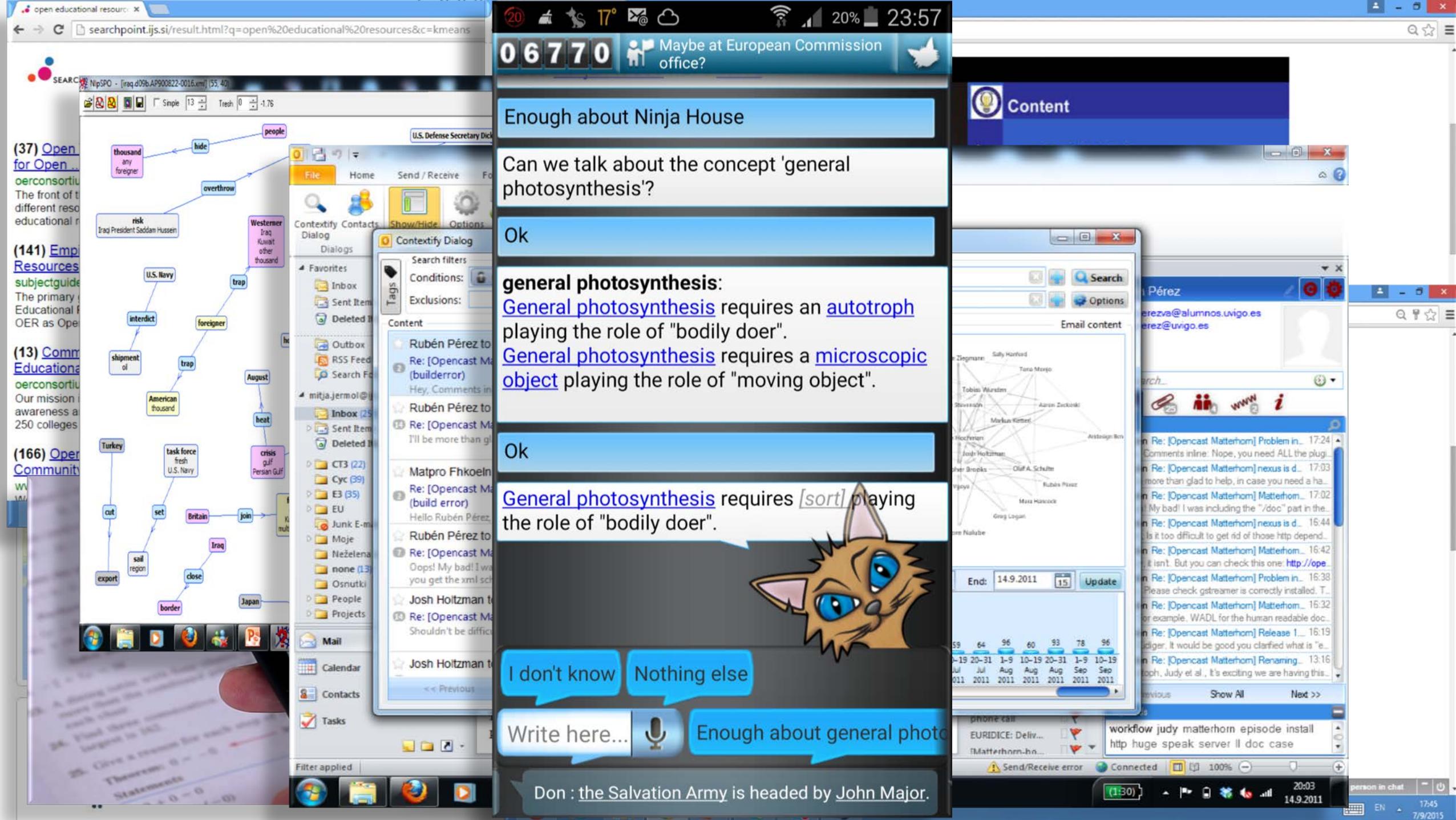
Slides 0:00 Preliminary Experiments with On-line Adaptive GARCH Models 0:25 Content

1 person in chat

EN 17:45 7/9/2015









Buducnost učenja je...





Buducnost učenja je...

FLEKSIBILNO I OTVORENO





Buducnost učenja je...

FLEKSIBILNO I OTVORENO

KOLEKTIVNO





Buducnost učenja je...

FLEKSIBILNO I OTVORENO

KOLEKTIVNO

PARTICIPATIVNO





Buducnost učenja je...

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KOLEKTIVNO

PARTICIPATIVNO

TRANSPARENTNO





Buducnost učenja je...

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PARTICIPATIVNO

TRANSPARENTNO

SIMBIOTIČNO





Buducnost učenja je...

FLEKSIBILNO I OTVORENO

KOLEKTIVNO

PARTICIPATIVNO

TRANSPARENTNO

SIMBIOTIČNO

POTICAJNO





Buducnost učenja je...

FLEKSIBILNO I OTVORENO

KOLEKTIVNO

PARTICIPATIVNO

TRANSPARENTNO

SIMBIOTIČNO

POTICAJNO

PERSONALIZIRANO





Sta nam je uspelo postici do sada?

Prva nacionalna inicijativa na svetu





Sta nam je uspelo postici do sada?

Prva nacionalna inicijativa na svetu

Strateška podrška vlade Republike Slovenije





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WORLD SLOVENIA MAP

Strateška podrška vlade Republike Slovenije

26 projekta

EC in UNESCO podrška

Prvi predlozi za spreminjanje pravila

Prvi ozbiljni razgovori sa investitorima

Prvi sljedbenici





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WORLD SLOVENIA MAP

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26 projekta

EC in UNESCO podrška

Prvi predlozi za spremicanje pravila

Prvi ozbiljni razgovori sa investitorima

Prvi sljedbenici

Kreativna, otvorena i ugodna atmosfera





Iniciatorji

- Knowledge 4 All Foundation Ltd.
- Institut Jožef Stefan
- Univerza v Mariboru
- Univerza na Primorskem
- Univerza v Ljubljani
- Univerza v Novi Gorici
- Ministrstvo za izobraževanje, znanost in šport
- Slovenska nacionalna komisija za UNESCO
- OŠ Savsko Naselje
- Vrtec Trnovo
- Šolski Center Kranj
- Inštitut za intelektualno lastnino
- Gospodarska zbornica Slovenije
- Pošta Slovenije



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- Predstavnik društva ravnateljev OŠ Slovenije
- Predstavnik društva ravnateljev SŠ Slovenije
- Predstavnik združenja vrtcev Slovenije
- Predstavnik združenja zdravstvenih zavodov Slovenije
- Bolnišnica Topolšica
- Predstavnik študentskih domov



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- Bolnišnica Topolšica
- Predstavnik študentskih domov
- Lek d.d.
- Kolektor Group
- Društvo slepih in slabovidnih Slovenije



OuS interes in podporniki

- **Austria:** Faculty of Computer Science, Graz University of Technology
- **Belgium:** Department of Educational Sciences, Vrije Universiteit Brussel
- **Croatia:** University of Zadar, Josip Juraj Strossmayer University of Osijek, University of Rijeka
- **Estonia:** Institute of Informatics, Tallinn University
- **France:** University of Nantes, INRIA - the French Institute for Research in Computer Science and Control
- **Greece:** SingularLogic SA, NTUA
- **Italy:** International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Interdipartimental Center of Research in Urban Planning "Alberto Calza Bini", Università degli Studi di Napoli Federico II, IAES International Academy of Environmental Sciences, Venice, Department of Mathematics and Computer Science, University Udine, University of Trieste
- **Germany:** Karlsruhe Institute of Technology
- **Lithuania:** Vilnius Business College
- **Netherlands:** UNESCO OER Chair, Open University Netherlands, EADTU, European Association of Distance Teaching Universities
- **Poland:** Lublin University of Technology, University of Natural Sciences and Humanities in Siedlce
- **Portugal:** Faculty of Science and Technology of Universidade Nova de Lisboa, UNINOVA (Institute for the Development of New Technologies)
- **Slovenia:** Karst Research Institute, Postojna, Slovenia, British Council Slovenia, IAM - Institute and Academy of Multimedia, School centre Kranj, Slovenian institute for Adult Education, National School of Leadership in Education, Geodetic Institute, Slovenia National Examinations centre
- **Spain:** Madrid Open University, Universidad Complutense de Madrid, Universitat Politècnica de València
- **Turkey:** Department of Computer Education & Instructional Technology Middle East Technical University
- **United Kingdom:** The Open University UK, University College London
- **United States:** Open Education Consortium, MIT OCW, Opencast Matterhorn



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- **Croatia:** University of Split
- **Estonia:** Institute of Educational Sciences
- **France:** Université de Lorraine
- **Greece:** Single University
- **Italy:** International University of Sardegna, Università degli Studi di Cagliari, University Udine
- **Germany:** Karlsruhe Institute of Technology
- **Lithuania:** Vilnius University
- **Netherlands:** University of Twente
- **Poland:** Lublin University of Technology
- **Portugal:** Faculty of Education, University of Minho
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"M. Calza Bini",
Science,

Slovenian institute for



Dodatne informacije

- <http://www.ouslovenia.net>
- <http://videolectures.net>, <http://scienceatlas.si>
- <http://www.ijs.si>, <http://ct3.ijs.si>, <http://ailab.ijs.si>, <http://sensorlab.ijs.si/>
- <http://qminer.ijs.si>
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- mitja.jermol@ijs.si



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from our success and mistakes!**