



From Slovenia to Europe and back again thanks to Scientix

Dr Agueda Gras-Velazquez
Scientix Project Manager
20/08/2015

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How was your summer?





"I know the kids don't like you and pick on you, but you have to go to school...you're the teacher."

BACK TO SCHOOL



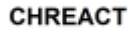
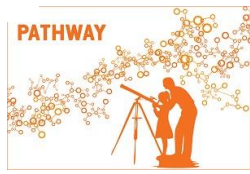
Scientix – From Slovenia to Europe
20/08/2008
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SCIENTIX

The community for science education in Europe





Translation on demand of resources (teaching materials)

A fine balance
Building a hanging sculpture
Mechanical engineering
Balance and forces
Unit for pupils from 9-12 years



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A fine balance: Building a hanging sculpture (Mechanical engineering)

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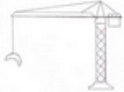
DESCRIPTION

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Translation on demand of resources (teaching materials)

A fine balance
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Unit for pupils from 9-12 years



★ ★ ★ ★ ★

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A fine balance: Building a hanging sculpture (Mechanical engineering)







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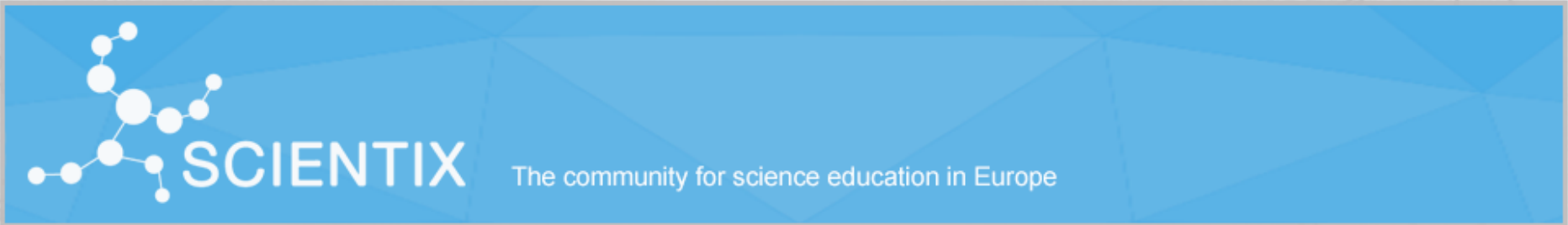
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Online training...



Scientix Moodle

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English (en) ▼

Online Users ☐

(last 5 minutes)
None

Calendar ☐

◀ August 2015 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Course categories

Scientix Courses 2013 - 2015	
STEM Tools for teachers	12
ICT Tools for teachers	5
Classroom management lessons	5
Scientix Courses 2010 - 2012	
A-STEM Tools for Teachers	13
B-Office Tools for Teachers	10
C-Web2 Tools for Teachers	14
D-Moodle training	1
Other courses	
SPICE	
FP7	1
Extra courses	2

Moodle courses

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Online training...

Communities of practice



TOPIC 2: RESPONSIBLE RESEARCH AND INNOVATION

Responsible Research and Innovation is yet another approach trying to link certain societal demands with the scientific community. It refers to a scientific proceeding in which all the involved stakeholders in the research process take in consideration the needs and demands of our society and estimate them when furthering their research.

The framework for responsible research and innovation includes several topics. From engaging different communities worldwide (bearing in mind concepts such as gender equality or societal developmental differences) to enabling those communities open access to scientific and technological research. It also covers issues such as the provision of education for future researchers or the development of a proper governance system in order to balance public and private participation in research. Lastly, the controversial issue of ethical research -covering fundamental rights and legal barriers- is still a subject of debate among the scientific community and the authorities.

OPEN QUESTIONS:

- Education is one of the crucial topics on Responsible Scientific Research. How should the scientific research community engage with the educational community?
- How can we build a bridge for all communities to be able to participate in the research process in equal terms?
 - How can we build a bridge when it comes to gender equality?
 - How can technologically less developed regions worldwide participate in the research process in the same terms as other communities?
- As we have seen in topic 1, science and society are more intersected than ever. Should scientists engage in a process of accountability and show the practices and results of their research to the mainstream audience?
- Technological and scientific investigation is quickly developing and in a constant process of innovation which, at the same time, entails a lot of risks and uncertainties. How should scientists trust risk and uncertainty in scientific research?
- Socio-Scientific Issues (SSI), are those science topics that can be the cause for potential controversies, such as genetic engineering, climate change or animal testing, among others. How should society and the research community deal with these dilemmas?

MESSAGE BOARDS (TOPIC 2: RESPONSIBLE RESEARCH AND INNOVATION)

SCIENTIX FORUM

Categories Recent Posts Statistics

Search: SEARCH CATEGORIES

CATEGORY	CATEGORIES	THREADS	POSTS	
Question 1 Education is one of the crucial topics on Responsible Scientific Research. How should the scientific research community engage with the educational community?		0	0	90
Question 2 How can we build a bridge for all communities to be able to participate in the research process in equal terms?		2	0	12

EXPERTS:



Dr. Chaystalla Lymbouridou
teaches science at Agios Spyridon School Latsionia, Cyprus and is Scientix Deputy Ambassador for Cyprus. Chaystalla has a PhD in Science Education from the University of Sheffield.



Dr. Valentina Ansova
completed a PhD in Sociology at the London School of Economics in 2010 with a thesis on the relationship between science and society comparing Italy to the UK on genetically modified organisms. She collaborated with research centres and universities on a number of projects related to science with, and for society. In January 2014 she started working on the RRI Tools project at Fondazione Geiplo.

USEFUL RESOURCES:

- Responsible Research and Innovation
- Science and Society: Rights and responsibility
- RRI Tools project

LATEST COMMENTS:

- Partnering with patients
- Conclusions, messages to engage scientific research community with the educ
- Ethical dilemmas in biology education
- Popular science researches
- Appropriation scientists and students

FEEDBACK

Let us know our opinion on the Community of Practice

Webinars



30 Scientix National Conferences

- Lithuania
- Czech Republic
- Belgium
- Ireland
- Italy
- Bulgaria
- Malta
- Israel
- Denmark
- Hungary
- UK
- Finland
- Turkey
- Latvia
- Sweden
- **Slovenia**



16 done

14 more in 2015!

Workshops,
presentations,...

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Workshops in the FCL

COMING SOON...

UPCOMING WORKSHOPS

- **16 - 18 Oct 2015**, 8th Science Projects Workshop in the Future Classroom Lab. More information coming soon.

PLANNED WORKSHOPS

- **6 - 8 Nov 2015**, 9nd Science Projects Workshop in the Future Classroom Lab, special edition for Heads of School

Be the first one to know by signing up to the [Scientix digest](#).



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WORKING TOGETHER

Learn about networking events for Science Education projects...



FEATURED RESOURCE

[SEARCH RESOURCES](#)



Design Your Alien

In this teaching material students review the environmental factors that make the Earth habitable and they compare them to other worlds within our Solar System. Its aim is to use creative thinking to design an alien life form suited for specific environmental conditions on an extra-terrestrial world.

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LATEST PROJECT



TEMI: Teaching Enquiry with Mysteries Incorporated

This project engages pupils in a unique way - by presenting each problem or task as a mystery that needs to be solved.

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LATEST NEWS



Meet the Scientist online with Global excursion

Take part in the interactive virtual visit to the metrology research department of ASML in the Netherlands.

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The community for science education in Europe

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SCIENTIX NEWSLETTER

The Scientix quarterly newsletter delivers original articles on innovation in STEM education policy, research and practice. It brings the latest news from science education projects and from the Scientix community, and follows the development of European and national policies and initiatives. Each issue focuses on selected topics in science education and highlights presents related materials and activities.

The newsletter is only available in English.

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SCIENTIX DIGEST


Scientix Digest is a fortnightly newsletter, providing an overview of the latest updates on the Scientix portal. It features projects and resources recently added to the Scientix portal, and informs about upcoming events in STEM and related fields.

The Digest is available in English, German, French, Italian, Spanish, Polish, Dutch and Romanian.

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If you didn't make it for the #LSLCHAT on #Creativity & #education have a look at [@BartVerswijvel](http://chirpstory.com/11/191300)

Retweeted by Scientix

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Science Teachers in Europe: Join the discussion!

JOIN US

JOIN US NOW

- Request translations of teaching materials.
- Participate in forums.
- Join teachers directory.

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SCIENTIX IN YOUR COUNTRY - SLOVENIA



Zavod
Republike
Slovenije
za šolstvo

THE NATIONAL EDUCATION INSTITUTE - NEI

The National Education Institute – NEI (Zavod RS za šolstvo) was founded in 1954 and today it is a national authority which performs research and development tasks by linking theory and practice in the field of education. The basic goals of the institute are:

- Designing new school curricula
- Development and implementation of suitable solutions for particular education levels, within specific subjects and subject areas;
- Development of education standards;
- Monitoring and testing of the proposed solutions;
- Introduction of new methods and their evaluation;
- Professional development of teachers;

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www.zrssi.si

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