



Discover the COSMOS Deliverable

D6.3 Information Material

Project Reference: INFRA-2011-283487

Code: D 6.3

Version & Date: 1.1, 24/09/2012

Editing: Science View

Approved by: IASA

Process Owner: Science View

Short Description:

This deliverable presents the Version 1.1. of the information material of the project updated based on the latest activities implemented until the end of Year 1.

The material is going to be continuously updated and new material is going to be developed through the lifetime of the project according to the needs.

List of Recipients:

All the partners, EC



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Version	Date	Description
1.0	30/11/2012	1sr version of the Deliverable
1.1	24/9/2012	Updated Deliverable. Added the new project leaflets, posters, the newsletter as well as the facebook page of the project.



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D6.3 Information Material

1. Executive Summary

The Production and distribution of information and dissemination material is an important aspect in the dissemination strategy of the project (see also Deliverable 6.1).

The information and dissemination materials include DVDs, posters, leaflets, project online newsletter as well as users' guides and support materials for the implementation inquiry based techniques in everyday school practice.

These materials will be developed in several time frames during the lifetime of the project. In this deliverable (version 1.1) the main information material like posters, project's leaflets, leaflets from events of the project, the first video / DVD from the event: CERN mini Expo in Athens, the online Newsletter and the Facebook page are presented. This deliverable during the project lifetime will be updated in order to include the material that will be developed according to the activities.

All the dissemination materials are available through the Public Area of the project website following the URL: <http://www.discoverthecosmos.eu/public>



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2. Posters

Four posters have been created and used in different occasions. The posters present the project's approach, the Discover the COSMOS portfolio of services, information about the project's website, the mobile application: moCERN and the Learning with ATLAS @ CERN educational portal.





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3. Flyer, Leaflets and Brochures

A number of leaflets of the project, describing the project ideas, contests, educational activities, and approach has been prepared and published. The leaflets present the main objectives of the project, the consortium, some news, events and following activities. It also provides useful data for the project (dates, activities, duration, contacts, etc.). The project leaflets will be distributed to many very popular events as well as to the dissemination and training workshops of the project.



1st edition of the project's leaflet



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Project's leaflet: final edition in EN



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Discover the Cosmos leaflet in EDEN conference

Algemeine Informationen

Discover the Cosmos Mit Lehrplänen und Lehrer als Beiträge zum Teilchenphysik-Unterrichtsmaterial-Wettbewerb „MIT)TEILBAR? anzureichern.

Abgabe oder in Teams von bis zu drei Personen bis zum 1. März 2011

A) zur Gestaltung ganzer Unterrichtseinheiten und/oder

B) für ergänzende Unterrichtsmaterialien einzuwickeln und einzuliefern.

Die Unterrichtsunterlagen sollen grundlegende Erkenntnisse und aktuelle Fragen der (Astro-) Teilchenphysik auf interessante Weise behandeln. Ihrer Kreativität sind keine Grenzen gesetzt!

Der Wettbewerb findet in zwei Kategorien statt:

A) Unterrichtsmaterialien (von zwei Unterrichtsstunden bis zur Physikstunde), die dem Ansatz forschungsorientierten Lernens folgen

B) Die Jugendlichen aktiv einbeziehende, ergänzende Unterrichtsaktivitäten (zumindest Dauer eines Stund) z. B. Experimente, Präsentationen, Spiele etc.

Jury

Die Jury besteht aus Wissenschaftlern, Wissenschaftlerjournalisten, Fachvermittlern und Lehrern.

Das Rechtswort ist ausschlaggebend.

Preise

- Teilnahme an einer internationalen Sommerhochschule im Juli 2013 (am CERN oder auf Kreta, finanziert von Discover the Cosmos)
- Jahres-Abonnement „Physik in unserer Zeit“
- Buch- und Sachpreise aus der Welt der (Astro-) Teilchenphysik.

Alle eingesendeten und geprüften Materialien werden im Portal portal.discoverthecosmos.eu veröffentlicht.

In Kooperation mit

WILEY-VCH **DPG**

Der Wettbewerb wird freundlicherweise unterstützt von der Wiley-VCH Verlag GmbH & Co. KGaA und der Deutschen Physikalischen Gesellschaft e.V. (DPG).

TEILCHENWELT

Für alle Teilnehmer wird das eingeworbene und geprüfte Material als Beitrag in Qualitätskategorien unseres Projektpartners Netzwerk Teilchenwelt gewertet, und ermöglicht damit die Teilnahme am fünfjährigen CERN-Workshop für Lehrer.

Impressum

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Schriftadresse: CERN, Discover the Cosmos, Netzwerk Teilchenwelt

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Das Institut für Kern- und Teilchenphysik der TU Dresden ist einer von 14 europäischen Partnern des EU-Projektes Discover the Cosmos.

portal-discoverthecosmos.eu
www.discoverthecosmos.eu
www.facebook.com/DRCosmos

DISCOVER THE COSMOS
e-Infrastructures for an Engaging Science Classroom

(MIT)TEILBAR?!
Teilchenphysik-Unterrichtsmaterial-Wettbewerb

- Wie erstellt man die Welt der kleinen Teilchen?
- Wie kann moderne Forschung mit Lehrplänen verbunden werden?
- Wie lässt sich Wissenschaft im Unterricht darstellen?

www.discoverthecosmos.eu/portal/te

The Discover the Cosmos Project is financed by the European Commission Framework Programme 7 (FP7)

Educational activities leaflet

Project's leaflet about the Contests in German



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Also a brochure in order to disseminate information concerning an event of the project was developed and is illustrated below. The event was the CERN exhibition that was hosted from Ellinogermaniki Agogi.



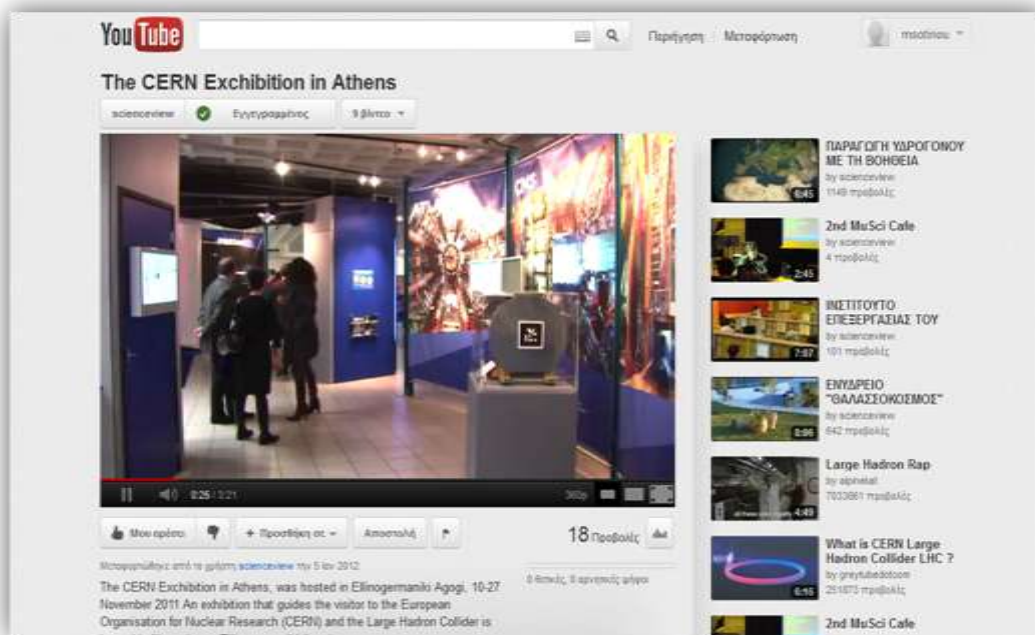


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4. Video - DVD

A video was created from Science View that covers the CERN exhibition that was hosted in Ellinogermaniki Agogi. The Video is also available at the You Tube channel of Science View in the following URL with English subtitles:

<http://www.youtube.com/watch?v=D2DROmYANHA&feature=plcp>



Also the video is available in DVD and USB format in order to be distributed in the occasion of dissemination events.



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5. Online Newsletter

This is the Online Newsletter that includes a number of information about the project: The Consortium, the applications, the activities, some leading stories, contests, collaborations with other projects, events and communication info as well.

The publication of the Newsletter will take place every three months and will be distributed via emails, the website and the Facebook page of the project.


NEWSLETTER
No.1
September 2012

discover the COSMOS

1. Introduction
2. Who we are
3. What we do
4. What we use
5. Lead stories
6. Discover the COSMOS in Action
7. Agenda
8. Collaborations
9. Contests
10. Further Information

9. University of Birmingham (UK)
10. Observatoire de Paris (FR)
11. Núcleo Interactivo de Astronomía (INUA) (ES)
12. Science View
13. Ministry of Education, Arts and Culture (BULGARIA)
14. Observatorio Complutense de Madrid (ES)
15. Lawrence Berkeley National Laboratory (US)

Introduction



Dr. Christine Kavourani
Chairman, National & Kapodistrian University of Athens, Coordinator of Discover the COSMOS project

Dear All,

We would like to welcome you in our first issue of Newsletters of the "Discover the COSMOS" EU funded project. In this issue you can have a quick but concrete view about our project's description, the Consortium, up to how events and upcoming initiatives that our project partners and collaborators are elaborating throughout the life cycle of the project.

Just a few words about the project: The "Discover the Cosmos" coordination action aims to demonstrate innovative ways to involve teachers and students in eScience through the use of existing e-Infrastructures in order to spark young people's interest in science and in following scientific careers.

We hope that you will enjoy it!

discover the COSMOS





What we do

The "Discover the COSMOS" is a coordination action project under the FP7-INFRASTRUCTURES-2011-2.

The main objectives of the Discover the COSMOS Project are:

- Select a series of eScience initiatives that successfully introduce the scientific methodology in school science education
- Integrate these initiatives under a common educational approach and develop the Discover the COSMOS Demonstrators that could be exploited and widely used from the educational communities in Europe and beyond
- Implement the Discover the COSMOS Demonstrators at large scale in Europe and organize a series of raising awareness activities that will introduce students and teachers to eScience.
- Systematic Validate the proposed approaches and activities in order to identify their impact in terms of the effectiveness and efficiency.
- Design and implement a systematic raising awareness strategy.
- Create virtual learning communities of educators, students and researchers.

What we use

"Discover the COSMOS" utilizes the following e-Infrastructures:

- ATLAS (www.atlas.cern) is a particle physics experiment at the Large Hadron Collider at CERN.
- OMS (<http://oms.web.cern.ch/oms>) is a high-energy physics experiment in Geyve, France, part of the Large Hadron Collider (LHC) at CERN.
- The Large Hadron Collider (LHC) is a particle accelerator used by physicists to study the smallest known particles—the fundamental building blocks of all things.
- Gaia (http://www.esa.int/Ena/Infocentre/Articles/ESA_Gaia) is an ambitious ESA mission to chart a three-dimensional map of our Galaxy.
- The Faulkes Telescope Project (<http://www.faulkes-telescope.com/>) offers access to two 2-metre telescopes, one in Hawaii and the other in Australia.
- The Liverpool Telescope, <http://telescope.liv.ac.uk/> is a fully robotic astronomical telescope.

The Discover The COSMOS Project is financed by the European Commission's Framework Programme 7 (FP7)



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6. Facebook page

In terms of disseminating events, news and every activity or information about the project, a Facebook page (url: <https://www.facebook.com/DtCosmos>) has been designed and developed since November 2011.





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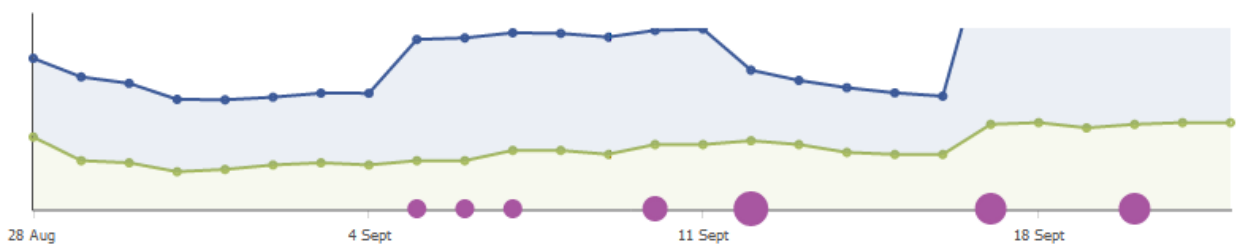
In order to gather useful information about the users of the facebook page as well as their feedback Science View is monitoring the statistics from the specific page. The data are gathering in order to be provided to the Validation team of the project and included in the final Validation Report. Some indicative data from the up to know use of the facebook page are presented in the following figures.

Overview Likes Reach Talking about this

All dates and times are in Pacific Time

Total Likes? **160** ↑ 2.56% Friends of Fans? **64,841** ↑ 1.96% People Talking About This? **18** ↑ 1.96% Weekly Total Reach? **1,977** ↑ 227.32% Total Subscribes? **1** ● 0%

Posts? People Talking About This? Weekly Total Reach?

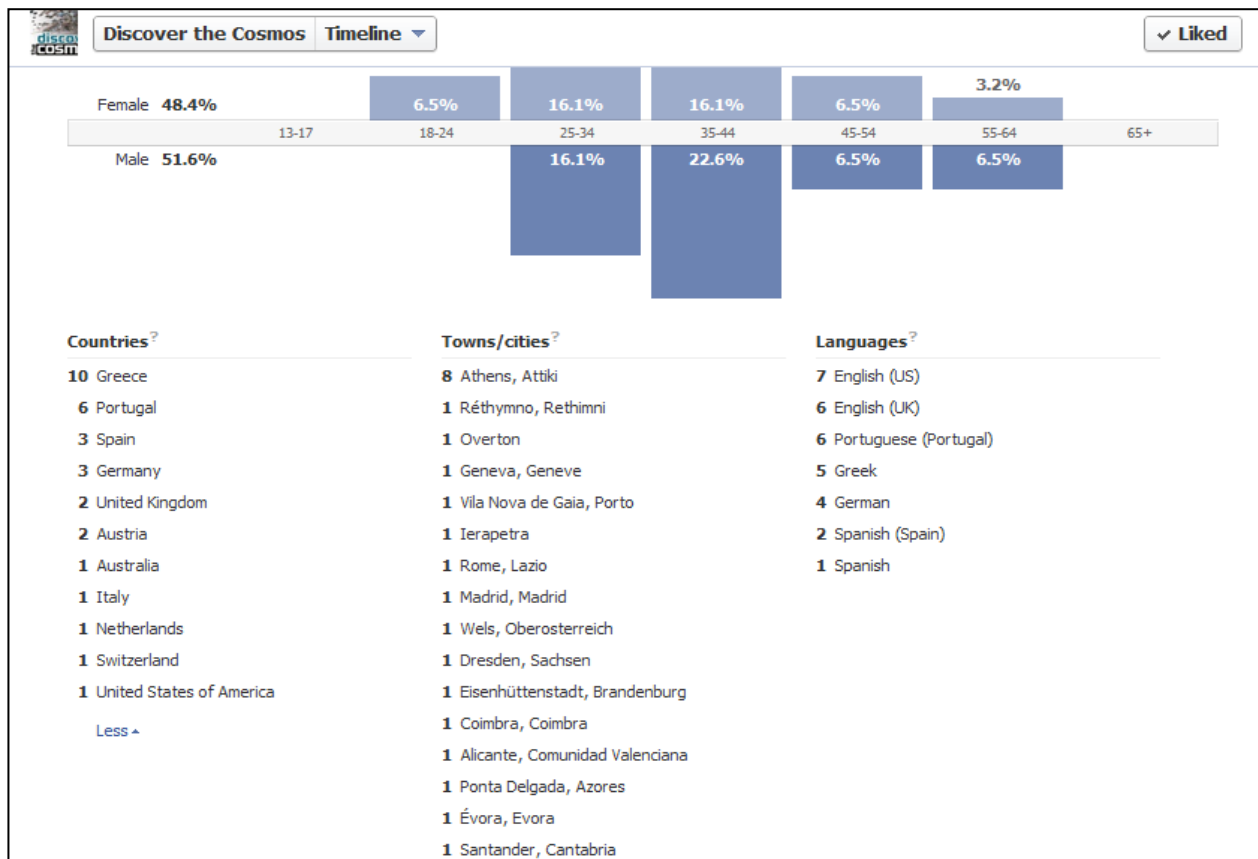


Page posts (Updated about a minute ago)

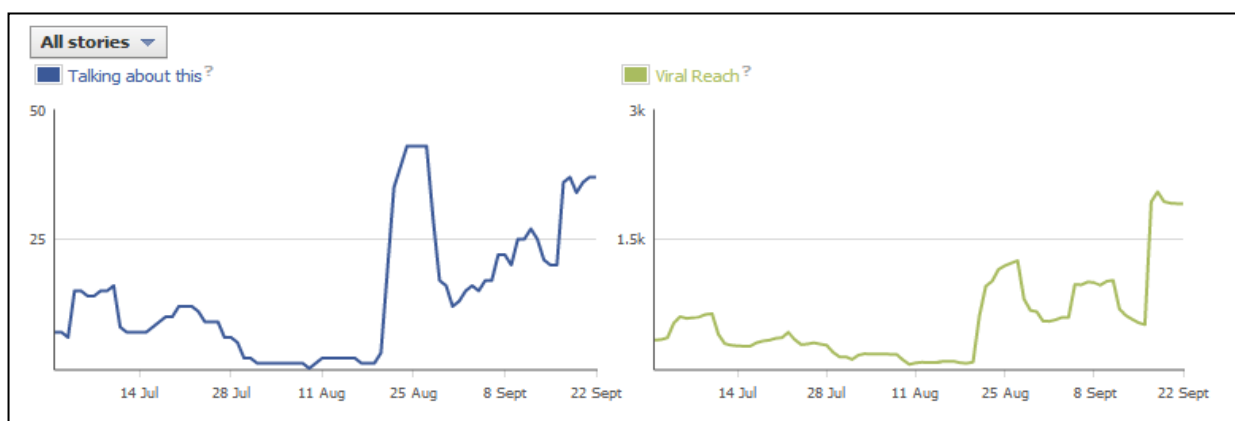
Metrics on how people react with the Facebook page of Discover the COSMOS



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Metrics on Demographic issues of unique users: Facebook fans of Discover the COSMOS page (Gender, Age, Country, Languages)



Metrics on interaction of unique users with the Facebook page (How many people talk about the page and how many Facebook friends of unique users have seen a post in the Discover the COSMOS Facebook page)