

# Juegos de Ciencia



*Sara Gil Casanova*



*II Curso de  
Comunicación  
de la Ciencia*



*Jueves 12 Junio 2014*

# ¿Quiénes somos?



HAZ CLICK AQUÍ PARA JUGAR



juega 1 minuto contra la malaria





*Ciencia Ciudadana*

# *Ciencia Ciudadana: orígenes*

**1. Tu ordenador para la ciencia**



**2. Tu cerebro para la ciencia**



# SETI@home

SETI@Home Client


File Settings Help

The Search for Extraterrestrial Intelligence at HOME

Press F1 for info Version 3.08  
<http://setiathome.berkeley.edu>

### Data Analysis

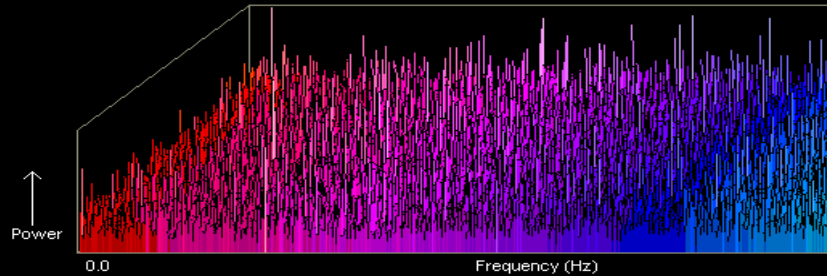
Chirping data 100%  
Doppler drift rate: -24.6075 Hz/sec Resolution: 2.384 Hz  
Best Pulse: power 6.71, period 6.2303, score 1.00



Overall: 91.960% done CPU time: 19 hr 34 min 05.1 sec

From: 13 hr 13'  
Recorded on: T  
Source: Arecibo  
Base Frequency

Name: Thierry  
Data units comp  
Total computer



setiathome\_enhanced version 5.15 [workunit: 09my03aa.866.27664.59646.3.68]

Overall 33.076% done CPU time: 12 hr 37 min 19.84 sec

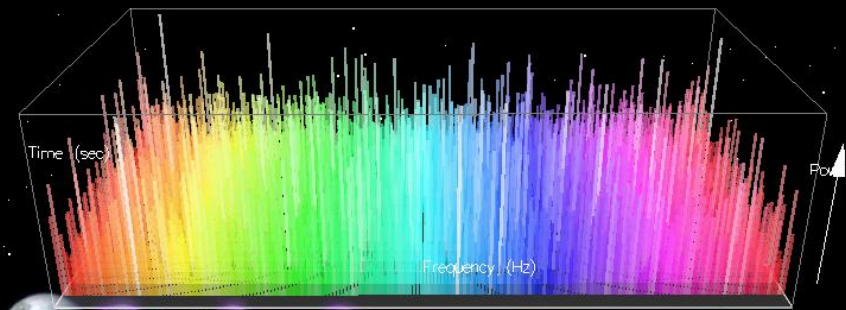
Name: Luxorion  
Team: Seti Belgique  
Total credit: 3963.66

Searching for Gaussians  
Doppler drift rate -14.5072 Hz/sec Resolution 0.596 Hz

From: 18 hr 7' 4" RA, +16 deg 5' 0" Dec  
Recorded on: Sat May 10 06:41:34 2003  
Recorded at: Arecibo 1.42GHz Fld, Feed  
Base frequency: 1.420664063 GHz



Gaussian: power 1.09, fit 0.596, score -12.912



Encontrar vida inteligente en el universo es como buscar una aguja en un pajar (*y complejo computacionalmente*).

¿Qué pasaría si *voluntarios* de cualquier lugar del mundo pudieran procesar parte de los datos?

En 1999 se lanza SETI@home. Esperaban conseguir unos 100.000 voluntarios: van por más de 5 millones.

# Computación voluntaria distribuida: BOINC



**BOINC Manager**  
Archivo Ver Herramientas Ayuda

**BOINC** <http://boinc.berkeley.edu>

Tareas: SETI@home v7

De: **SETI@home**  
University of California, Berkeley  
Astrophysics, astrobiology  
SETI (Search for Extraterrestrial Intelligence) is a scientific area whose goal is to detect intelligent life outside Earth. One approach, known as radio SETI, uses radio telescopes to listen for narrow-bandwidth radio signals from space. Such signals are not known to occur naturally, so a detection would provide evidence of extraterrestrial technology.

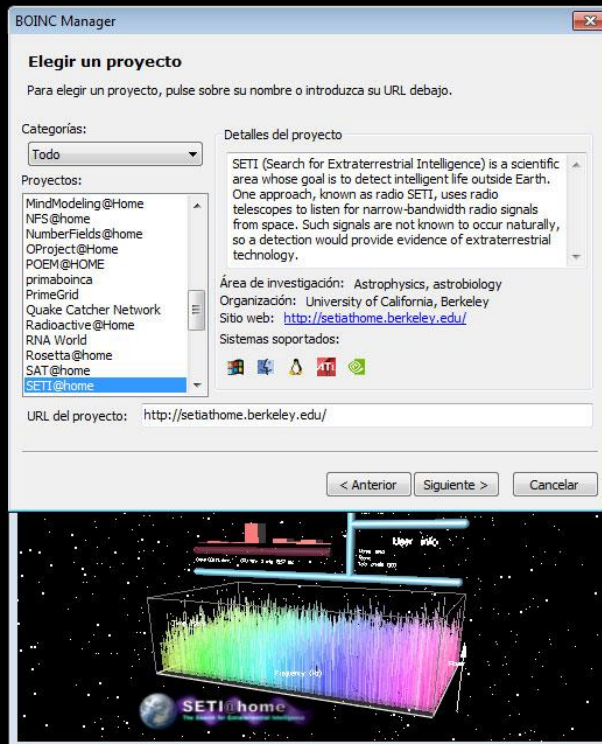
Transcurrido: 00:02:50  
Restante (estimado): 15:28:51  
0,024%

Estado: Ejecutando  
Comandos de la Tarea

Proyectos: Añadir proyecto  
ibercvis

Trabajo realizado para este proyecto: 0  
Páginas Web del Proyecto Comandos del Proyecto

Avisos Suspender Ayuda



**BOINC Manager**

### Elegir un proyecto

Para elegir un proyecto, pulse sobre su nombre o introduzca su URL debajo.

Categorías: Todo

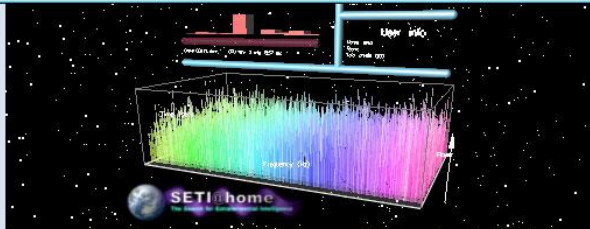
Proyectos: MindModeling@Home NFS@home NumberFields@home OProject@Home POEM@HOME primaboince PrimeGrid Quake Catcher Network Radioactive@Home RNA World Rosetta@Home SAT@home SETI@home

Detalles del proyecto  
SETI (Search for Extraterrestrial Intelligence) is a scientific area whose goal is to detect intelligent life outside Earth. One approach, known as radio SETI, uses radio telescopes to listen for narrow-bandwidth radio signals from space. Such signals are not known to occur naturally, so a detection would provide evidence of extraterrestrial technology.

Área de investigación: Astrophysics, astrobiology  
Organización: University of California, Berkeley  
Sitio web: <http://setiathome.berkeley.edu/>  
Sistemas soportados:

URL del proyecto: <http://setiathome.berkeley.edu/>

< Anterior Siguiente > Cancelar

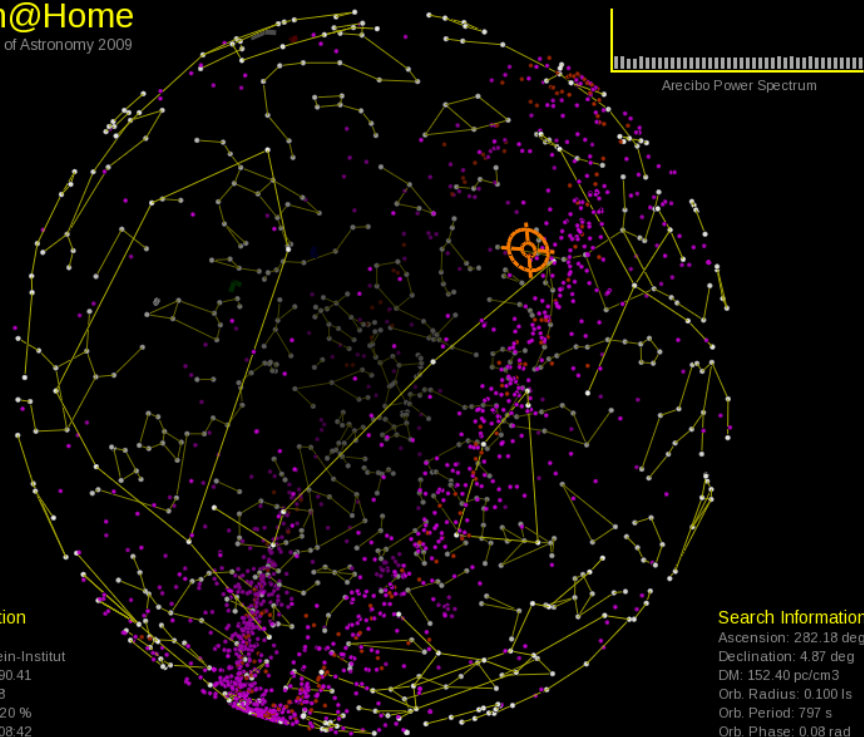




# Ejemplo: Einstein@Home

Einstein@Home

International Year of Astronomy 2009

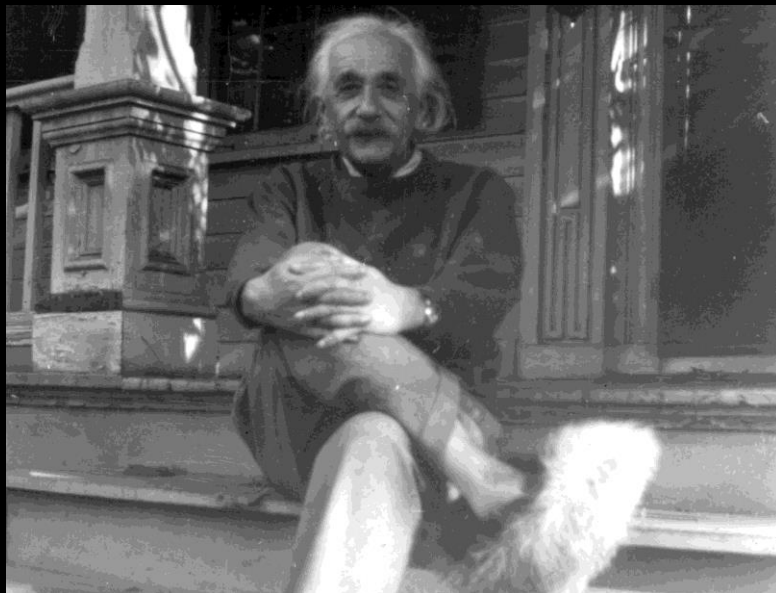


## BOINC Information

User: ATLAS  
Team: Albert-Einstein-Institut  
Project Credit: 92990.41  
Project RAC: 348.48  
WU Completed: 37.20 %  
WU CPU Time: 02:08:42

## Search Information

Ascension: 282.18 deg  
Declination: 4.87 deg  
DM: 152.40 pc/cm<sup>3</sup>  
Orb. Radius: 0.100 ls  
Orb. Period: 797 s  
Orb. Phase: 0.08 rad



[nature news home](#)[news archive](#)[specials](#)[opinion](#)[features](#)[news blog](#)[nature journal](#)[Take our survey for a chance to win a MacBook Air.](#)[Find out more](#)[comments on this story](#)

Published online 12 August 2010 | Nature | doi:10.1038/news.2010.401

News

## Home computer finds rare pulsar

### The Einstein@Home volunteer-computing project makes its first discovery.

Eugenie Samuel Reich

A rare isolated pulsar with a very low magnetic field has been discovered by a volunteer-computing initiative, researchers report today in the journal *Science*<sup>1</sup>.

When Bruce Allen, director of the Einstein@Home distributed-computing project, first contacted



Data gathered by the world's largest radio dish in Arecibo, Puerto Rico, is later

### Related stories

- [Citizen science: People power](#)  
04 August 2010
- [Pulsar watchers race for gravity waves](#)  
13 January 2010
- [Home computers search for gravity waves](#)  
01 February 2005

### Naturejobs

#### [Fellowships for Excellence](#)

Universität Basel

#### [Associate Laboratory Director, Neutron Sciences Directorate](#)

Oak Ridge National Laboratory

[More science jobs](#)[Post a job for free](#)

### Stories by subject

- [Space and astronomy](#)
- [Technology](#)

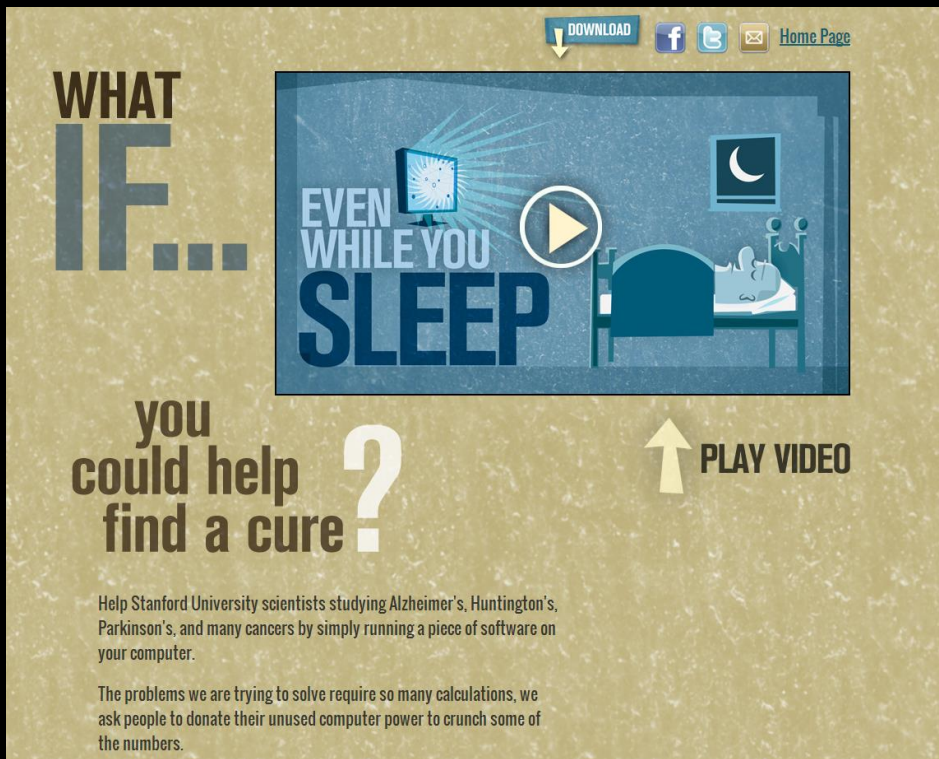
### Stories by keywords

- [Einstein@Home](#)
- [Pulsar](#)
- [Gravitational waves](#)
- [Bruce Allen](#)

### This article elsewhere

[Blogs linking to this article](#)

# Ejemplo: Folding@home



**WHAT IF...**

**EVEN WHILE YOU SLEEP**

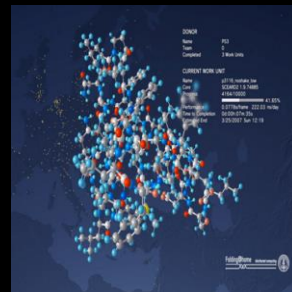
**you could help find a cure?**

Help Stanford University scientists studying Alzheimer's, Huntington's, Parkinson's, and many cancers by simply running a piece of software on your computer.

The problems we are trying to solve require so many calculations, we ask people to donate their unused computer power to crunch some of the numbers.

[DOWNLOAD](#) [f](#) [t](#) [✉](#) [Home Page](#)

[PLAY VIDEO](#)



Every computer we add gets us closer to the cures.

[Download Here](#)  
Join us. Tell your friends. [f](#) [t](#) [✉](#)

**START FOLDING**

**JOIN OVER 212,000 other computers around the world**

©2013 Vijay Pande. All rights reserved. Video script and music by David Delpy. Animation by Scott Harris.


# Evolución: de Clickworkers

INTERNET ARCHIVE  
Wayback Machine

http://clickworkers.arc.nasa.gov/top Go

175 captures  
23 ene 01 - 24 sep 08

DEC 2000 ENE 23 2001 MAR 2002



## Welcome to the clickworkers study, NASA Ames's new experiment in volunteer science.

There are many scientific tasks that require human perception and common sense, but may not require a lot of scientific training. Identifying craters on Mars is something almost anyone can do, and classifying them by age is only a little harder. This is an experiment to see if public volunteers, each working for a few minutes here and there, can do some routine science analysis that would normally be done by a scientist or graduate student working for months on end. Questions? See the [FAQ](#).

### Which activity would you like to do?

1. [Crater Marking](#) -- please take the [training session](#) first.
2. [Basic Crater Classification](#)
3. Coming soon: Fine-tune someone's previously marked crater
4. Coming soon: Advanced crater classification
5. Possibility for 2001: Mark just-released high resolution images from MGS

[View Change your background preference](#)


### How much work has been done so far?

Since inception on November 17, 2000, all clickworkers combined have contributed 271,211 crater-marking and 76,003 crater-classification entries.

**Crater marking progress as of 26 Dec 2000:** 30% of mid-latitude Mars (30°N to 30°S) has been covered (20% more than once) at 64 pixel/degree resolution, and 9% at 256 pixel/degree resolution (3% more than once). Also, 100% of our resolution.

The inputs generally look very good. [You can look at an example](#) of how several clickworker's inputs are combined into a single consensus.

[Clickworkers pilot study](#)  
Question not answered in [FAQ](#) ? Contact: [websky@ptolemy.arc.nasa.gov](mailto:websky@ptolemy.arc.nasa.gov)  
Responsible NASA official: Sonie Lau



# Año 2001

# Evolución: a Galaxy Zoo

http://www.galaxyzoo.org/ Go JUN JUL SEP  
427 captures 12 jul 07 - 27 may 14 2006 2007 2008

## GALAXY ZOO.org

Welcome | Home | The Science | How to Take Part | Galaxy Analysis | Discussion Forum | Press & News | Links | Contact Us | Login | Register

Welcome to **GalaxyZoo**, the project which harnesses the power of the internet - and your brain - to classify a million galaxies. By taking part, you'll not only be contributing to scientific research, but you'll view parts of the Universe that literally no-one has ever seen before and get a sense of the glorious diversity of galaxies that pepper the sky.

**Why do we need you?**  
The simple answer is that the human brain is much better at recognising patterns than a computer can ever be. Any computer program we write to sort our galaxies into categories would do a reasonable job, but it would also inevitably throw out the unusual, the weird and the wonderful. To rescue these interesting systems which have a story to tell, we need you.

GZ is now live! Go ahead and [sign up](#) to start classifying galaxies right away.

User Name:   
Password:   
 Remember me next time.   
[Register](#)  
[Forgot Password](#)

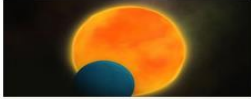



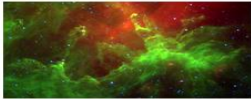

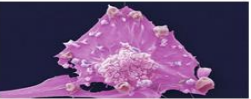


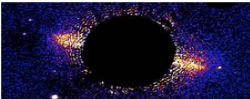
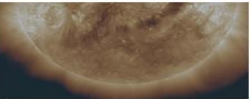

TheTeam | Privacy Statement

Año 2007

# ...a Zooniverse

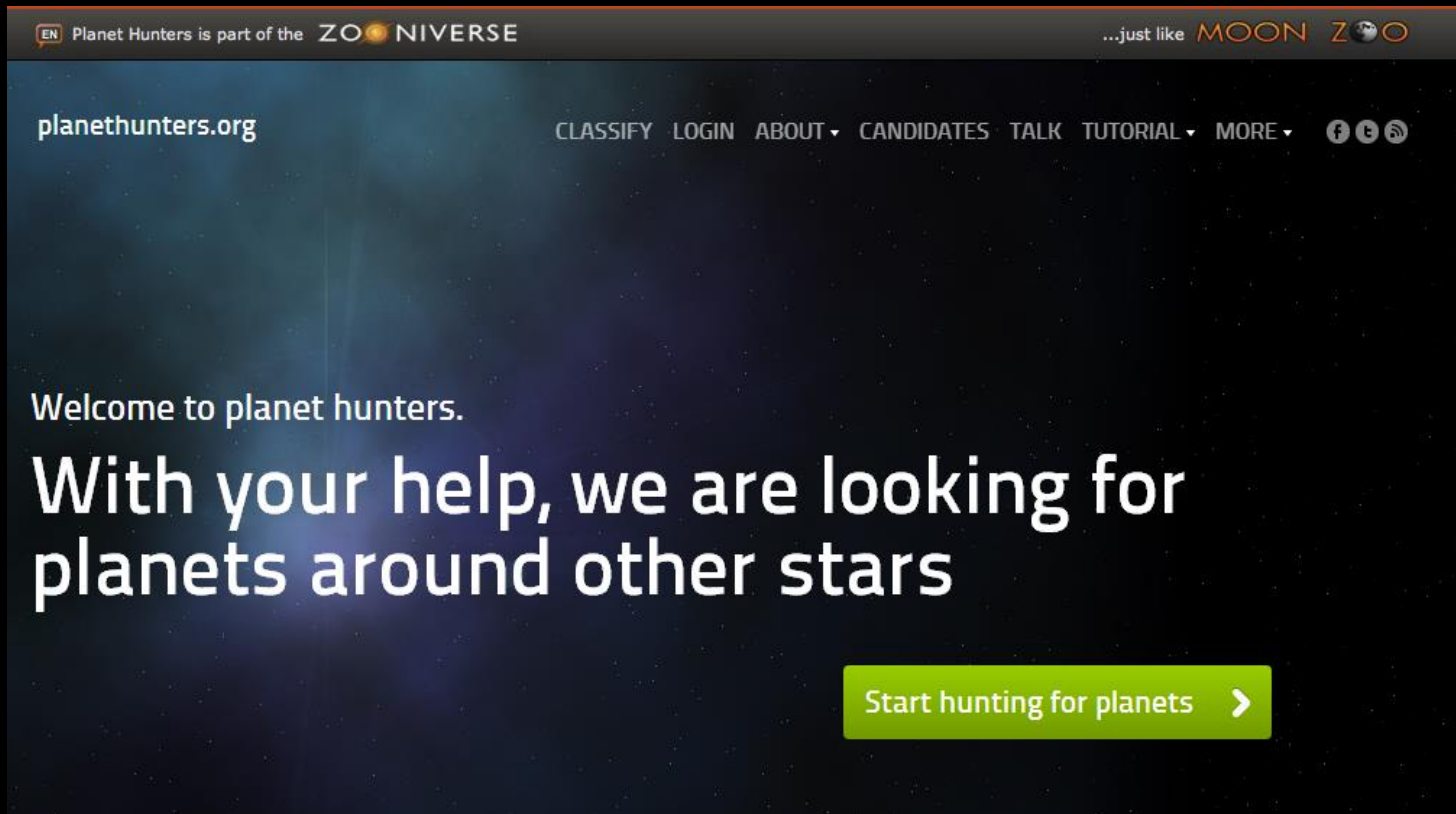
All Space Climate Humanities Nature Biology

Most Popular Sort by Popularity




|  |   |  |  |
|--|---|--|--|
|  <p><b>Find planets around stars</b><br/>Lightcurve changes from the Kepler spacecraft can indicate transiting planets.</p> <p>planethunters.org</p>                          |  <p><b>Go wild in the Serengeti!</b><br/>We need your help to classify all the different animals caught in millions of camera trap images.</p> <p>SNAPSHOT SERENGETI</p> |  <p><b>How do galaxies form?</b><br/>NASA's Hubble Space Telescope archive provides hundreds of thousands of galaxy images.</p> <p>GALAXY ZOO</p>                        |  <p><b>Hear Whales communicate</b><br/>You can help marine researchers understand what whales are saying.</p> <p>WHALES</p>   |
|  <p><b>How do stars form?</b><br/>We're asking you to help us find and draw circles on infrared image data from the Spitzer Space Telescope.</p> <p>THE MILKY WAY PROJECT</p> |  <p><b>Explore the Red Planet</b><br/>Planetary scientists need your help to discover what the weather is like on Mars.</p> <p>PLANET FOUR</p>                           |  <p><b>Analyse real life cancer data.</b><br/>You can help scientists from the world's largest cancer research institution find cures for cancer.</p> <p>Cell Slider</p> |  <p><b>Take Notes from Nature</b><br/>Transcribe museum records to take notes from nature, contribute to science.</p> <p>Notes from Nature</p>                            |
|  <p><b>Match growing black holes to their jets</b><br/>We need help to compare infrared and radio data to spot black holes in the Universe.</p> <p>RADIO GALAXY ZOO</p>       |  <p><b>Find the Birthplace of Planets</b><br/>Help comb our galaxy, looking for stars that could be harbouring planet-forming disks.</p> <p>DISK DETECTIVE</p>           |  <p><b>Sorting out Sunspots</b><br/>Help us organize sunspot images in order of complexity to better understand the Sun's magnetic activity.</p> <p>SUNSPOTTER</p>       |  <p><b>California condors need your help</b><br/>By tracking their location and social behavior, you can help this critically endangered species.</p> <p>CONDOR WATCH</p> |

Año 2014

# Ejemplo Zooniverse: Planet Hunters



EN Planet Hunters is part of the ZOO NIVERSE ...just like MOON ZOO

planethunters.org CLASSIFY LOGIN ABOUT ▾ CANDIDATES TALK TUTORIAL ▾ MORE ▾   

Welcome to planet hunters.

With your help, we are looking for planets around other stars

Start hunting for planets >

# Ejemplo Zooniverse: Serengeti

## Snapshot Serengeti is a [Zooniverse](#) project.

The Zooniverse is a collection of web-based Citizen Science projects that use the efforts and abilities of volunteers to help researchers deal with the flood of data that confronts them.

## Our Projects

We currently have 12 projects on subjects ranging from [astronomy](#) to [climatology](#) to [biology](#) to [humanities](#).

## SNAPSHOT SERENGETI



## Welcome to Snapshot Serengeti

Hundreds of camera traps in Serengeti National Park, Tanzania, are providing a powerful new window into the dynamics of Africa's most elusive wildlife species. We need your help to classify all the different animals caught in millions of camera trap images.



Start classifying



# Ejemplo Zooniverse: Whale.fm

1,112,246 people taking part worldwide

Projects ▾ Community ▾ About us ▾ Sign in Register

[f](#) [t](#) [g+](#)



## Hear Whales communicate

// information

Did you know that Killer Whales (Orcas, which are actually the largest dolphin species) can talk to each other in quite sophisticated ways? Each family of Killer Whales has its own dialect and closely-related families share calls. We'd like you to help us to categorize sounds in order to understand what whales are saying.

[Take part](#) [No thanks](#)

# Ciencia Ciudadana en España: Ibercivis

El equipo de **Ibercivis** desarrolla el software necesario para que cualquier grupo español con una idea interesante pueda participar.



En la plataforma Ibercivis hay proyectos de investigación sobre el cáncer, nuevos fármacos, números primos...



# Ejemplo Ibercivis: Gripenet



**GRIPENET**

COLABORA CON EL EXPERIMENTO →

Close

## ¿EN QUÉ CONSISTE?

El objetivo de Gripenet es monitorizar la incidencia de la gripe en España mediante la colaboración desinteresada y anónima de voluntarios que, periódicamente, nos informan vía Internet si padecen la dolencia o no.

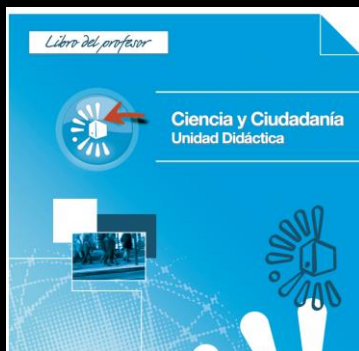
Estos datos permiten a los investigadores avanzar en el conocimiento de los mecanismos de propagación de las dolencias infecciosas a través de modelos a escala europea.

El proyecto tiene un doble propósito. Por un lado, los datos recogidos permiten a los investigadores avanzar en el conocimiento de los mecanismos de propagación de las dolencias infecciosas y, por otro lado, el proyecto constituirá una herramienta de divulgación para aproximar la ciencia al ciudadano e involucrarlo directamente en el estudio científico a través de la información facilitada.

## ¿CÓMO COLABORO?

¿Te has vacunado contra la gripe? ¿Ya has tenido la gripe este año, o estás esperando un posible ataque? Respondiendo a estas preguntas puedes colaborar con la ciencia participando en [GripeNet.es](#). La idea básica es rellenar un **perfil personal y seguidamente unos pequeños cuestionarios semanales** (en dos minutos) que llegan por correo electrónico, con información sobre su estado de salud en relación con la gripe. ¡Participa tu también y ayúdanos a prevenir la gripe en España!

# Ibercivis: Recursos educativos asociados



## CUADERNO DEL PROFESOR

Los objetivos de esta Unidad Didáctica son:

1. Que los alumnos tomen conciencia de la importancia de la investigación científica en su vida.
2. Que los alumnos asuman la responsabilidad que, como ciudadanos, tienen en el desarrollo y gestión de la investigación científica. Para ello deben reconocer el trabajo científico como algo cercano a su vida cotidiana y la posibilidad de colaborar o influir en el mismo.
3. Informar al alumnado sobre una posible vía de futuro profesional: la investigación científica.
4. Que los alumnos conozcan qué es el PROYECTO IBERCIVIS y, si lo desean, puedan colaborar con él.



### Temporalización:

La Unidad Didáctica está pensada para ser desarrollada durante dos o tres periodos lectivos, podrá ser impartido por los profesores de Tecnología, Educación para la ciudadanía, Ciencia, Tecnología y Sociedad o por los Tutores en general.

### Metodología:

## MATERIAL DIDÁCTICO

Las Unidades Didácticas de los proyectos Ibercivis tienen como principal finalidad acercar la investigación científica a los centros de enseñanza secundaria y animar a los jóvenes a participar en la computación voluntaria.

### PRESENTACIÓN DE LAS UNIDADES

[Presentación unidades](#)

### CIENCIA Y CIUDADANÍA

La ciencia y la investigación al alcance de todos

[Libro del profesor](#)

[Cuaderno del alumno](#)

### FUSIÓN NUCLEAR

La fusión nuclear: Una energía de futuro

[Libro del profesor](#)

[Cuaderno del alumno](#)

### DOCKING DE PROTEÍNAS

Investigación de fármacos contra el cáncer

[Libro del profesor](#)

[Cuaderno del alumno](#)

### CABLES CUÁNTICOS

[Libro del profesor](#)

[Cuaderno del alumno](#)

### ENFERMEDADES NEURODEGENERATIVAS

[Libro del profesor](#)

[Cuaderno del alumno](#)



EXPERIMENTOS  
VOLUNTARIOS  
DOCENCIA

MATERIAL DIDÁCTICO  
HERRAMIENTAS 2.0

PRENSA  
NOSOTROS  
DONACIONES

# La era de los móviles



# Ejemplo app: Meteor Counter

Llevamos siempre un ordenador encima: se puede usar para recoger datos.

La interfaz sencilla de las app y la conveniencia de usar un smartphone facilita la participación.



HOME | DOWNLOAD | EMAIL SUPPORT | HOW IT WORKS

Be a part of NASA meteor research with Meteor Counter!

*When you go out to watch a meteor shower*, bring your iPhone with you. With Meteor Counter, you can easily capture meteor observations with an innovative "piano key" interface. As you tap the keys, **Meteor Counter** records critical data for each meteor: time, magnitude, latitude, and longitude, along with optional verbal annotations.

Afterward, these data are automatically **uploaded to NASA** researchers for analysis.

Meteor Counter also provides a news feed and event calendar, which are updated by **professional scientists** to keep you informed of the latest meteor happenings and upcoming showers.

It's everything a meteor hound needs to get informed and **get involved!**

Screenshots:



Questions about how to use the app?

[Click here](#)

Need to contact support?

[Click here](#)

# Ejemplo app: Project Noah

project  
noah

Project Noah is a tool to explore and document wildlife and a platform to harness the power of citizen scientists everywhere.

Join Project Noah Today

Available on the  
App Store

Download for  
Android



## My Noah

iPhone & Android apps

My Noah is your Project Noah mobile home page. Once signed in, you can manage all your spottings, see what missions you're participating in, keep track of your patches, and update your profile.

My Noah

My Spottings

My Patches

Missions

Field Guide

# Ejemplo app: Kinsey Reporter

The image shows a screenshot of the Kinsey Reporter website and its mobile application. The website header includes the name "Kinsey Reporter" and navigation links for Home, Explore, Data, FAQ, and Support. It also features buttons for downloading the app on Google Play and the App Store. The main content area displays the "KINSEY REPORTER" logo, a quote by Alfred Kinsey, and a description of the platform as a global mobile survey tool. Below this, there are three main sections: a world map with a search bar containing the text "solo, intersex/DSD man, young, love, lust, anger, disappointment in Baton Rouge"; a Facebook social media widget showing the Kinsey Reporter page with 595 likes and a "GET OUT!" button; and a Twitter widget with a tweet from @KinseyReporter about reporting unwanted sexual behaviors. On the right side, a smartphone displays the app's splash screen, which includes the text "Kinsey Reporter invites you to become a citizen scientist by contributing to sex research." and a graphic of a globe with a smartphone and a pie chart.

Kinsey Reporter

Home Explore Data FAQ Support

ANDROID APP ON Google play Available on the App Store

# KINSEY REPORTER

*We are the recorders and reporters of facts — not the judges of the behaviors we describe. — Dr. Alfred Kinsey*

Kinsey Reporter is a global mobile survey platform to share, explore, and visualize anonymous data about sex. Reports are submitted via smartphone, then [explored](#) on this website or [downloaded](#) for off-line analysis.

Mapa Satellite

North Pacific Ocean United States Mexico (Mexico) North Atlantic Ocean

solo, intersex/DSD man, young, love, lust, anger, disappointment in Baton Rouge

Kinsey Reporter

595 people like Kinsey Reporter.

GET OUT!

Tweets

Kinsey Reporter @KinseyReporter

Unwanted #sexual behaviors are #NoOkay — Report them to authorities or at least via KinseyReporter.org app pic.twitter.com/lHdF1fg70k

Carrier 2:47 PM

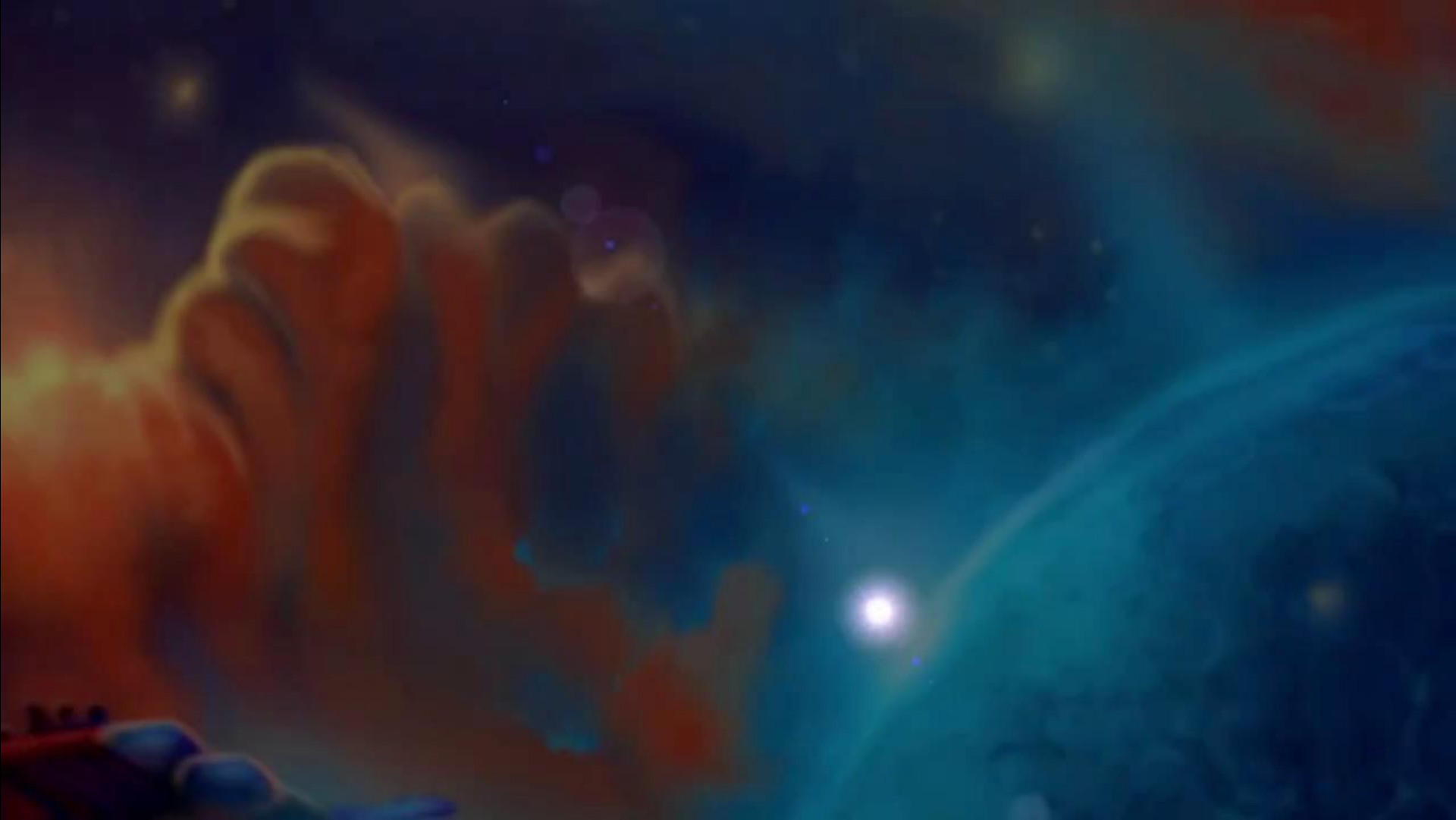
Kinsey Reporter invites you to become a citizen scientist by contributing to sex research.

Kinsey Reporter is a mobile survey platform that collects reports from all over the world — anonymously, securely, and in real time.



# Gamificación





# Play to Cure



Let's beat cancer sooner

➔ Donate

[HOME](#) [ABOUT CANCER](#) [SUPPORT US](#) [OUR RESEARCH](#) [FUNDING FOR RESEARCHERS](#) [ABOUT US](#)

[Home](#) > [Support us](#) > [Citizen Science apps and games from Cancer Research UK](#) > Play to Cure: Genes in Space

## Play to Cure: Genes in Space

Main menu

- Support us
- Citizen Science apps and games from Cancer Research UK
- Play to Cure: Genes in Space



Play to Cure™: Genes in Space is the world's first free mobile game that uses the collective force of players to analyse real genetic data and help beat cancer sooner.

### Be a science hero

Play our new free mobile game to help our scientists to beat cancer sooner.

[Download from the Apple App Store](#)

[Download from Google Play](#)

### Our partners

Genes in Space was

# Play to Cure has already analysed 6 months worth of cancer data

By Rachel Weber

f Recommend 37

🐦 Tweet 58

👤 submit

MON 17 MAR 2014 10:59AM GMT / 6:59AM EDT / 3:59AM PDT

♣ CHARITY

## And Cancer Research UK's new smartphone game has done it in a month

Cancer Research UK's smartphone app Play to Cure: Genes in Space was only released on February 4 but has already allowed gamers to analyse six months worth of DNA data for cancer research.

"We're astounded by this fantastic support from citizen scientists across the world which goes to show - you don't need to wear a lab coat to be a hero," said Hannah Kearthland, Cancer Research UK's citizen science lead.

"It's crucial we don't stop here because the more people who play in their spare moments, the quicker we'll make a difference. There never again needs to be such a thing as a boring queue. It's still early days but we believe the collective force of global gamers could have a massive impact and speed up our life-saving research."

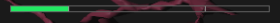
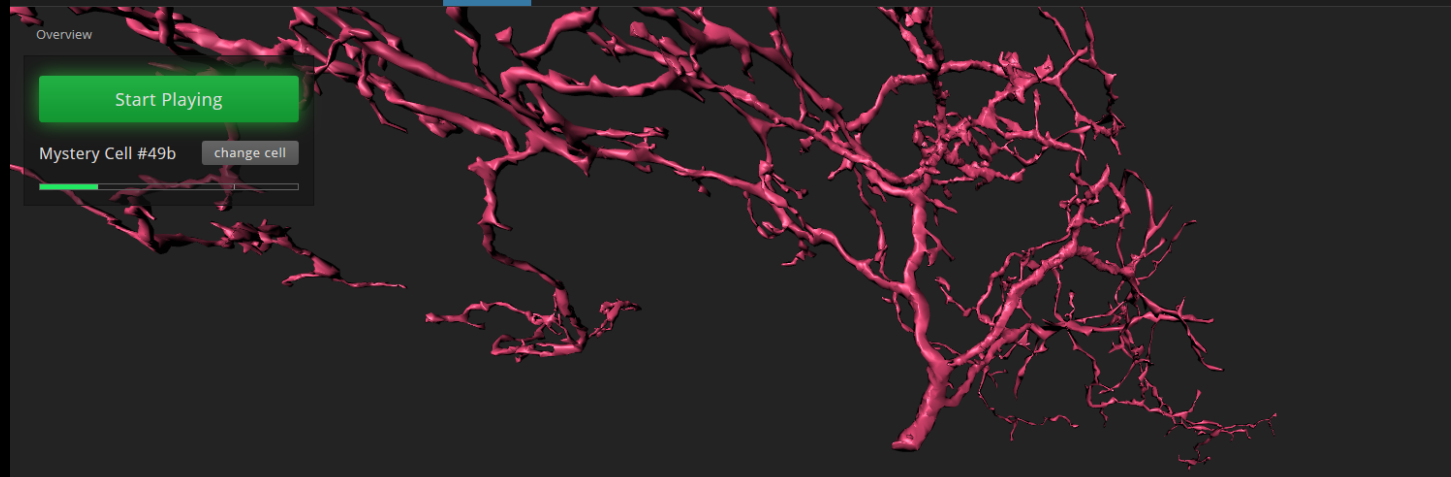
Gamers have made 1.5 million classifications by spotting patterns in the data, which would have taken a scientist six months to analyse by eye. More than 53,000 hours or six and a half years of the game have been played so far. You can find it [here](#).



Overview

Start Playing

Mystery Cell #49b

Online (36): cedric, sapphiresun, nopasaran, nkem\_test, a5hm0r, galarun, damocles357, bigbiff, dont\_blink, crazybot, bluu, Nseraf, 1sigor, ggreminder, zxtheo, inquizitor, shporang, mohamed314, dereksims, matew, Kekelktus, Neonng, klimp, darkPachira, vogon, fdsailing2012, newneuron, sebbuku, mywire, sonicthewedge, ReginaSaphier, Tanye, itrinkle0925, Bj0rnar, luizrobertomeier, sagilca

Type /help to see available commands.  
 Congrats to Thana, winner of the Lore of Kor challenge!  
 Give us feedback: <http://goo.gl/x8a0eI> Go a5hm0r, yesterday's #1 w 56,518 pts!  
 1sigor earned 60 points  
 klimp earned 104 points

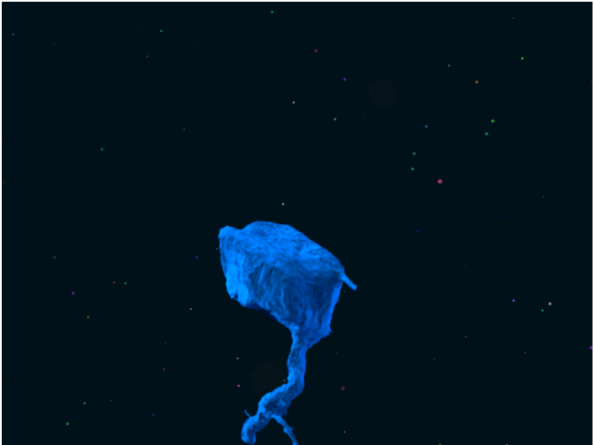
### Marvelous Eyewirers

| rank | username      | points |
|------|---------------|--------|
| 1    | galarun       | 10676  |
| 2    | a5hm0r        | 8896   |
| 3    | mamateresa    | 4896   |
| 4    | twister2      | 4306   |
| 5    | dont_blink    | 4134   |
| 6    | PhineasB      | 3590   |
| 7    | nopasaran     | 3496   |
| 8    | HariSeldon    | 2562   |
| 9    | Nseraf        | 2436   |
| 10   | gedrod        | 2364   |
| 11   | dereksims     | 1574   |
| 12   | ppotter613    | 1557   |
| 13   | itrinkle0925  | 1536   |
| 14   | wlindboe      | 1376   |
| 15   | renate        | 1346   |
| 16   | 1sigor        | 1266   |
| 17   | fdsailing2012 | 1239   |
| 18   | caphillipson  | 1138   |
| 19   | ssaba         | 1038   |
| 20   | klimp         | 996    |
| 21   | co1ored       | 987    |
| 22   | mirasol       | 954    |
| 23   | mmweiland     | 838    |
| 24   | mstanley      | 758    |
| 25   | urs           | 758    |
| 26   | toknow        | 748    |
| 27   | mywire        | 678    |
| 28   | hanmaldo      | 676    |
| 29   | klaus13       | 676    |
| 30   | FractalCuber  | 600    |

# Eyewire: Desafíos

## Lore of Kor – EyeWire SciFi

Amy Robinson May 26, 2014 Competitions: Lore of Kor, New Features, New Neuron, Nevis, Seung Lab



7  
Tweet  
3  
Like  
9  
+1  
in  
Share


Get the latest from EyeWire:

Subscribe

### Why EyeWire?

Solving the mysteries of the connectome requires something more powerful than a supercomputer - YOU. EyeWire is a game to map the brain from Sebastian Seung's Computational Neuroscience Lab at MIT. Over 70,000 people from 130+ countries play. Join the community and be a part of a revolution in neuroscience.

### Shop EyeWire Gear




Custom brain designs from EyeWire HQ

### Recent Posts

- [Behind the Science: About the Data](#)
- [X-box Controller Support](#)
- [Monthly EyeWire Stats: May 2014](#)
- [Kor Trivia](#)
- [Say Happy Birthday to Twister 2, with a](#)

## Kor: Origins

Amy Robinson May 30, 2014 Competitions: Lore of Kor

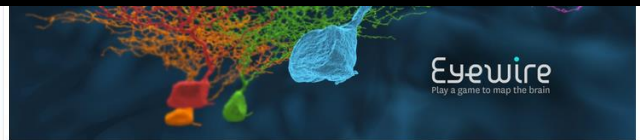


5  
Tweet  
1  
Like  
10  
+1  
in  
Share

### Origins

In a not too distant past in a universe not entirely dissimilar to our own, Galactic Corsairs were prowling the Zaiton system for lost cargo and the occasional hostage when their Lairra sensor detected a large conductive object. In typical pirate fashion, they drank two rounds of Guebram, a horribly intoxicating

# Eyewire: Condecoraciones



## EyeWire Profiles 101

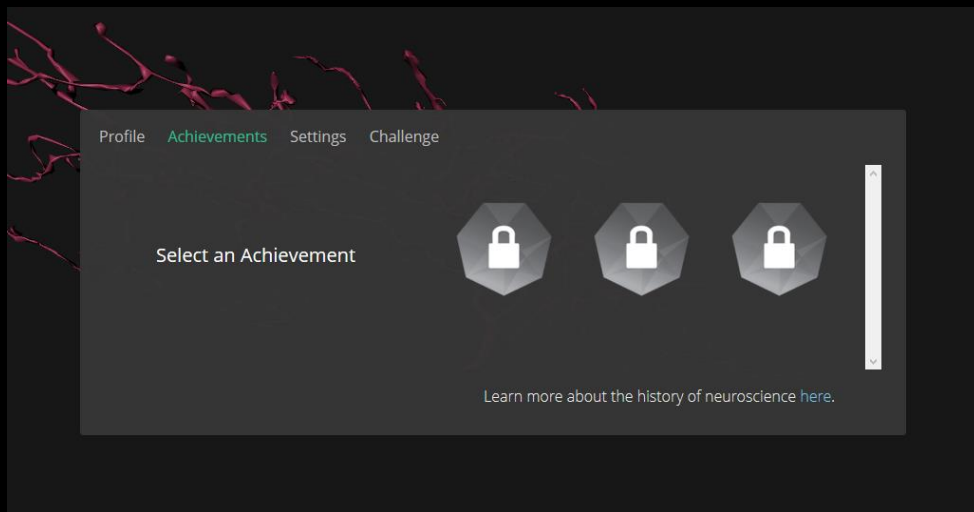
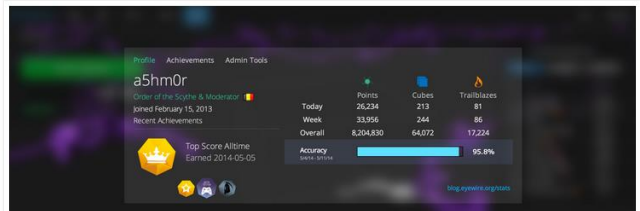
### (psst...How to get Better at EyeWire)

Clicking your username in the top right corner pops out your profile, including personal stats:

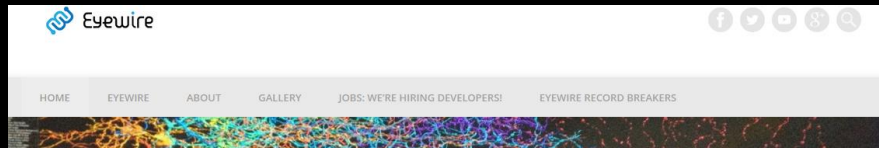
- total points
- cubes submitted
- **trailblazes**
- **f-score** (accuracy). Hover over F-Scorebar to see metrics of precision and recall. If your F-Scorebar is orange or yellow, it means you should map more carefully. The most accurate players have blue F-Scorebars.
- achievements

Click any other player's name in the leaderboard or chat to see his or her profile.

*This post is kept updated to include the latest profile features.*



# Eyewire: Comunicación



## Behind the Science: About the Data

Have you ever wondered where the Eyewire data comes from? Eyewire's data set consists of the retinal neurons of a mouse, and it is called E2198. E2198 was created by scanning a section of the mouse's retina with a Scanning Electron Microscope (SEM). A Scanning Electron Microscope is a machine ...

by Danny · June 10, 2014 · About the Science

Permalink

## X-box Controller Support

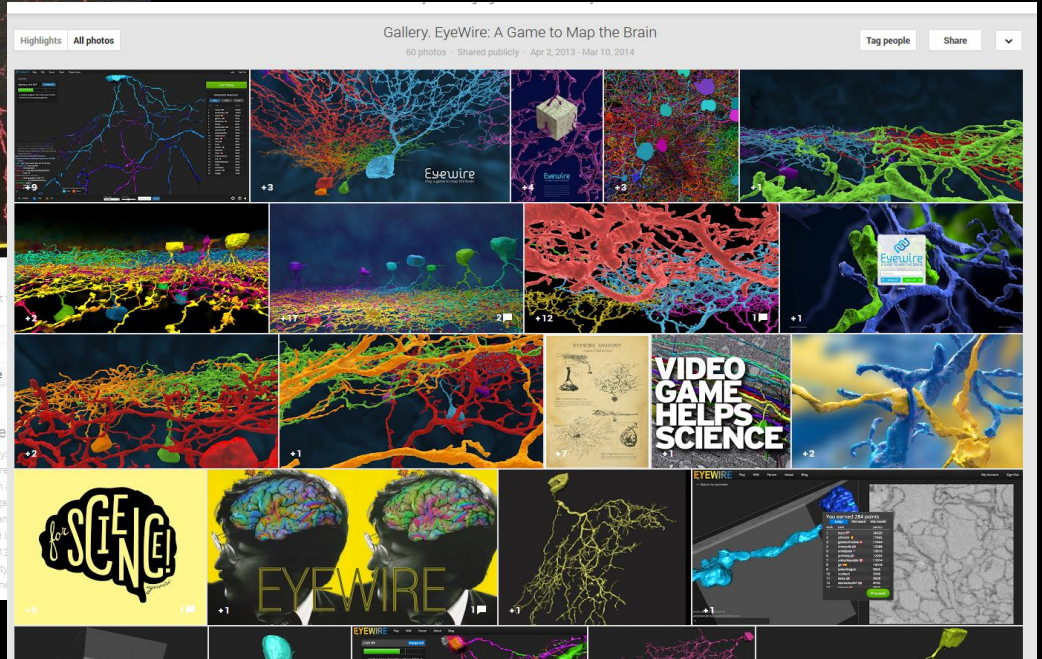
Eyewire player LotteryDiscountz has made it possible to play Eyewire with an X-box controller! Using Xpadder inputs from the X-box controller can be converted into a signal that mimics the inputs from a mouse and keyboard. LotteryDiscountz

Get the latest:

Subscribe

### Why Eye

Solving the my connectome is powerful than EyeWire is a game from Sebastian Neuroscience U people from 12 the community revolution in ne





MalariaSpot



A world map with a light blue background and dark blue landmasses. The map is centered on the Atlantic Ocean, showing the Americas on the left and Europe, Africa, and Australia on the right.

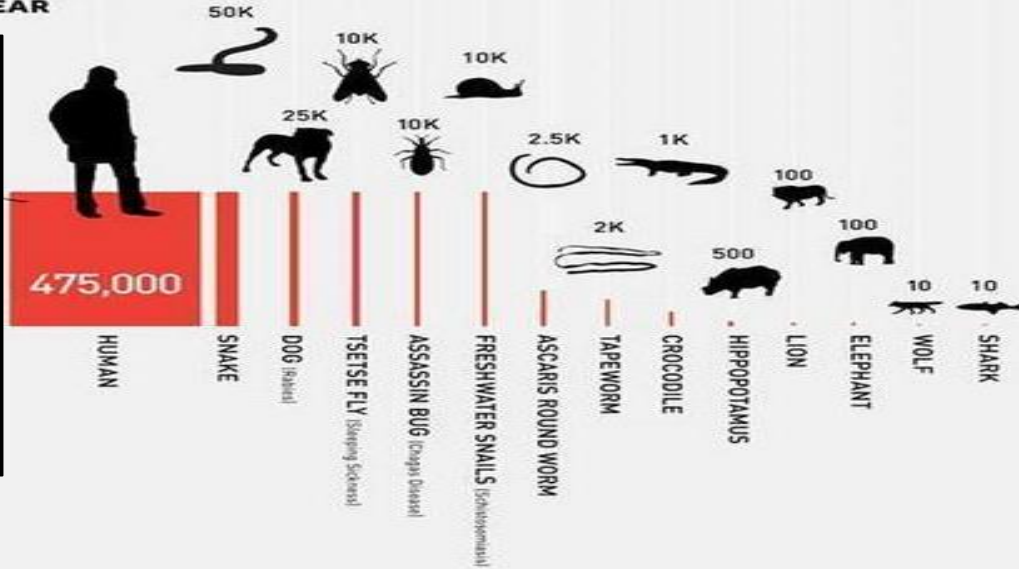
We invest **3 billion hours**  
weekly playing online games

Actualmente, pasamos 3 mil millones de horas por semana

# ¿Por qué malaria?

## WORLD'S DEADLIEST ANIMALS

NUMBER OF PEOPLE KILLED BY ANIMALS PER YEAR



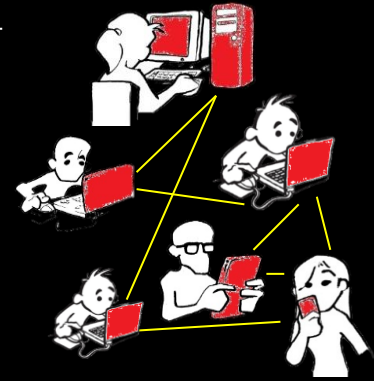
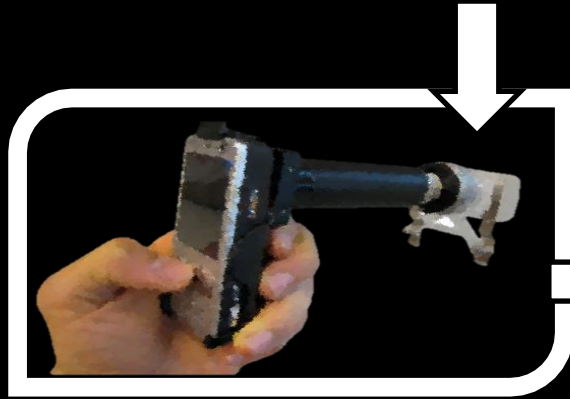
Datos OMS:  
800.000 muertes  
al año



# Combatiendo la malaria: diagnóstico tradicional



# Combatiendo la malaria: MalariaSpot



+



A.I.

# Juego online



Durante un mes, voluntarios de 95 países jugaron más de 12.000 partidas que dieron lugar a una base de datos de **270.000 clicks** en imágenes con parásitos.

La combinación de los resultados obtenidos por 22 voluntarios sin experiencia previa o de 13 entrenados durante un minuto permite obtener un recuento de parásitos *tan preciso* como el de un experto microscopista.

Artículo: "Crowdsourcing Malaria Parasite Quantification: An Online Game for Analyzing Images of Infected Thick Blood Smears" (Journal of Medical Internet Research)

# App para iPhone + iPad



# Públicos: en el cole

www.elmundotoday.com/2013/09/educacion-retirara-las-becas-a-los-estudiantes-que-no-superen-el-nivel-100

Teletipos

pilotaba tiene que ir a la cama

El G

Domingo  
10 de Nov.  
de 2013  
8:03 h



LA ACTUALIDAD DEL MAÑANA  
**EL MUNDO  
TODAY**

Portada | Internacional | España Today | Sociedad | Cultura | Ciencia y Tecnología | Deportes | Ge

**OTRAS SECCIONES** LA ACTUALIDAD EN IMÁGENES | OCIO | EL DOMINGO TODAY | VIAJES | LOS ALMUERZOS DE

## Educación retirará las becas a los estudiantes que no superen el nivel 100 del “Candy Crush”

**“NO EXIJO NADA QUE NO ME EXIJA A MÍ MISMO”, ACLARA JOSÉ IGNACIO WERT**

Publicado por Xavi Puig el 17 de septiembre, 2013 | 52







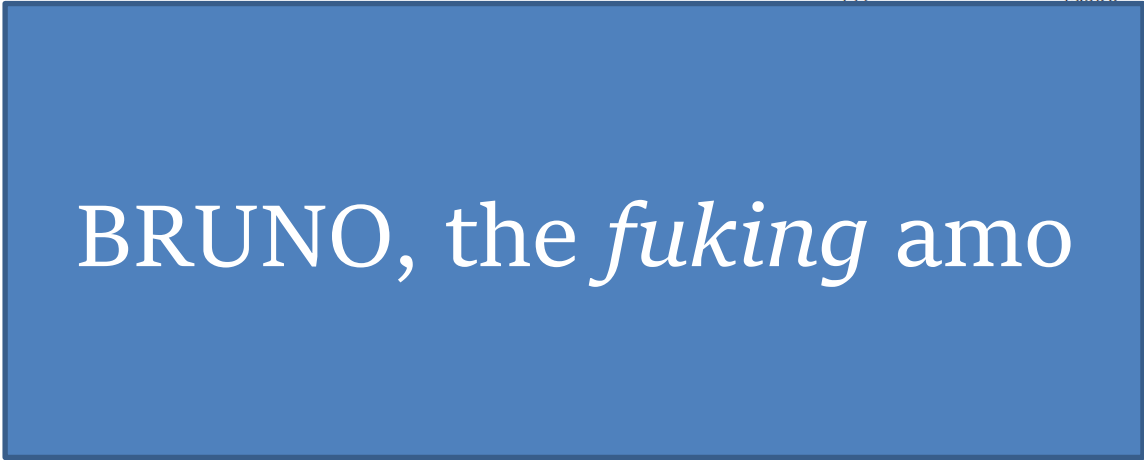
**Making  
more  
health**

by Ashoka and  
Boehringer Ingelheim

## Top Malaria Hunters

So far we have hunted 657656 parasites!

| Daily Top |      | Weekly Top |                  | Monthly Top |                  |
|-----------|------|------------|------------------|-------------|------------------|
| Score     | Name | Score      | Name             | Score       | Name             |
| 1954      |      | 1954       | Shreyas G Shenoy | 1954        | Shreyas G Shenoy |
| 503       |      |            | eter5            | 1321        | Silvia Hdez      |
| 143       |      |            | ACRA             | 951         | null             |
|           |      |            |                  | 711         | Matico           |



|      |             |                     |
|------|-------------|---------------------|
| 6773 | Jow         | 2012-04-30 13:48:26 |
| 6768 | JC          | 2012-12-30 01:53:14 |
| 6635 | Mafadita    | 2012-05-09 11:49:05 |
| 6631 | SuperHunter | 2012-05-11 12:57:07 |
| 6621 | cristinapo  | 2012-05-01 14:52:35 |
| 6578 | toptoday    | 2012-06-22 14:44:23 |
| 6576 | Gema Huerta | 2014-05-02 09:34:37 |

# Otros Públicos



# Otros Públicos

Cienciaterapia



[Inicio](#) [Qué es Cienciaterapia](#) [Qué tenemos para ti](#) [Colabora](#)



¿Aún piensas que la ciencia no es divertida y que sirve para poco?

Bienvenido a Cienciaterapia, donde el lado divertido y curioso de la ciencia se pone al servicio de los menores hospitalizados y discapacitados.



¡Síguenos!



Patrocinadores



*Telefónica*

Fundación Telefónica



# Otros Públicos



# En los medios

antena3.com

SERIES PROGRAMAS NOTICIAS FÓRMULA 1 DIRECTO

Programación Servicios Blogs Encuentros Juegos Muchosplanes Multiplatafo

## a fondo

INICIO

Especiales Noticias Sociedad A fondo

CIENCIA 'CIUDADANA'

### Un joven asturiano crea un videojuego que ayuda a diagnosticar la malaria

No hace falta un gran laboratorio ni ser un gran investigador para colaborar con la ciencia. Hay miles de proyectos en los que los ciudadanos pueden participar: uno de ellos consiste en diagnosticar la malaria a través de un videojuego. Una original idea de un joven investigador asturiano.

as Fútbol Motor Baloncesto Tenis Ciclismo Más deporte as tv

## Conectados

Portada Tikitakas Juegos Cine Televisión

CROWD-SOURCING

### Un juego 'on-line' para ayudar a diagnosticar la malaria

Los jugadores 'cazan' parásitos en muestras de sangre reales digitalizadas, con el objetivo de crear una red global virtual de "cazadores de malaria" que contribuya a diagnosticar nuevos casos.

Se habla de: Malaria | Ciencia para el siglo XXI | Enfermedades tropicales | Aplicaciones informáticas | Videojuegos | Ocio | Programas informáticos | Enfermedades | Informática | Estilo vida | Medicina | Salud | Industria | Más temas >

78 +1 1 19 ;) Comentar

F. J. CHAMIZO | 12 de febrero de 2014 | 22:02h

MalariaSpot es una plataforma global de inteligencia

# En las redes sociales

**MalariaSpot** @MalariaSpot

El ginto  
contra  
India lo  
amargo

View translati  
Reply De

RETWEETS 35

11:39 PM - 25 Apr

Reply to @Ma

**Paula Chao Escobar** @MalariaSpot @MalariaSpot  
Details

**A.J. Garcia** @AJGarcia @MalariaSpot @MalariaSpot  
subvencionan e  
Details

**JL Lorés Surprisa** @surprisa Esta noche, cam

**Marisa Ranieri** @mranieri421

@MalariaSpot are you a separate game than Malaria Hunter? I play every day!

Follow

1 FAVORITE

1:16 AM - 26 Apr 2014

Reply to @mranieri421

**MalariaSpot** @MalariaSpot @mranieri421 Aw @AppsForTime fo  
Details

**Apps For Time** @AppsForTime @mranieri421 you team :-)  
Details

**E//A//M** @emilymagillmd

Following

@MalariaSpot is pioneering #mHealth games, training virtual parasite hunters to diagnose - thanks @GOOD for sharing! [malariaspot.com/about.html](http://malariaspot.com/about.html)

Reply Retweeted Favorited More

Reply Retweet Favorited More

# El futuro

MalariaSpot 2.0



App para Android

TuberSpot





# ¡Gracias!



Web: [malariaspot.org](http://malariaspot.org)

Email: [info@malariaspot.org](mailto:info@malariaspot.org)



[fb.com/malariaspot](https://fb.com/malariaspot)  
[@MalariaSpot](https://twitter.com/MalariaSpot)