GTTP Bringing Real Science to Classrooms





IAU XXVIII General Assembly 20-31 August, 2012 Beijing, China

I believe I contribute to GTTP Movement \rightarrow 2012



www.site.galileoteachers.org/announcements/209-globalgttp-ghou-community-map

Teacher Training and Network !!!

Train Teachers

Help change curricula across the world

Build Teachers/Schools

Network

Promote Campaigns

Gather and rate good tools and resources







Open Discovery Space



Towards the classroom of tomorrow

Supernova Cosmology Project in the genesis of the Global Hands-on Universe Association -> GTTP model

Congratulations Saul!

nace

Carl Pennypacker

Nobel of Physics 2011 Saul Perlmutter, Brian P. Schmidt and Adam G. Riess



n Discoverv





International Astronomical Search Collaboration





Haus der Astronomie Centre for Astronomy Education and Outreach

International Astronomical Search Collaboration Work in Progress

Supernova Search

Extrasolar Planets

Universe Notebook (Observing with Robotic Telescopes









Galileo Teacher Training Program & Dark Skies Awareness Campaign

DARK SKIES RANGERS

Universe Quest



Serious games for education

Free for educators !!!!

Thinking Worlds



Universe Notebook (Observing with Robotic Telescopes













Training sessions based on digital resources Leading to the classroom of tomorrow

Best practice tools and resouces → IBSE



Image Process Analyse Plugins Window Help

123







🛞 SalsaJ

5

File Edit





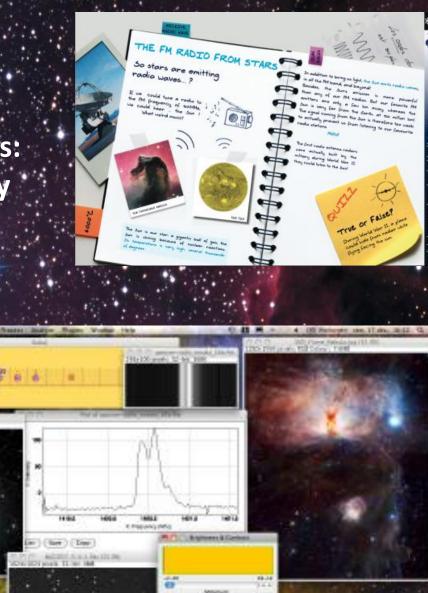
Researchers bringing science to schools: - Black Hole in the Center of our Galaxy - Exoplanets

Radio Astronomy

U-H

- Spectra
- Image processing







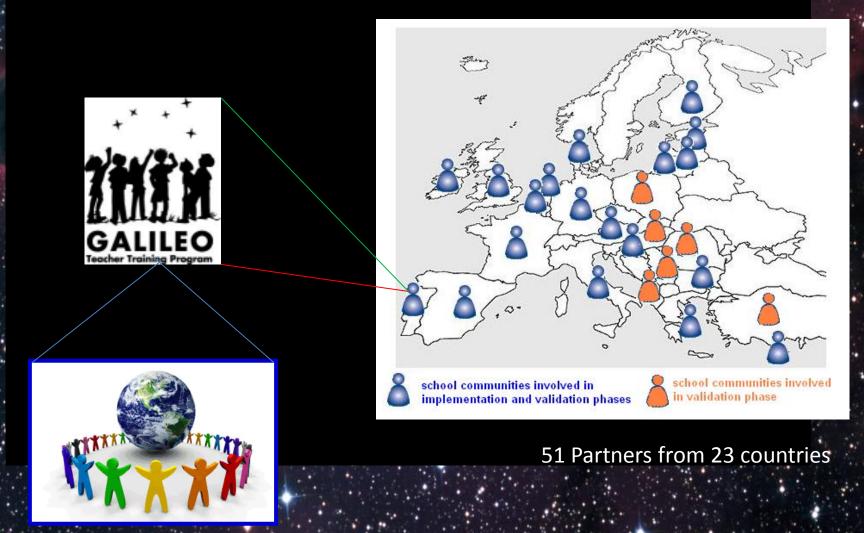
Piloting the implementation of a few examples of Astronomy and Particle Physics in schools around Europe



Open Discovery Space

ICT_{PSP}

Creating the needed online infrastructrue for the construction of the Classroom of Tomorrow digital repositories



Visionary Workshops





Astronomy@mybackpack – Astronomy with daily material







GHOU Black Hole Observers

Lewis Fraser University of Glamorgan (Faulkes Telescope Education Team) Dominik Elsässer Lehrstuhl für Astronomie Universität Würzburg **GHOU Moon Researchers**

Moon Over Us (China USA Brazil Collaboration in the iCollaboratory) Moon Researchers (Miths and misconceptions about the moon

April 25: USA & Brazil

New exercises.



Japan HOU – Venus Transit Solar and Lunar Eclipses Image processing to re-discover units in the Solar System

Solar System in my town

Solar System Walk in your town



街灯フラッグ

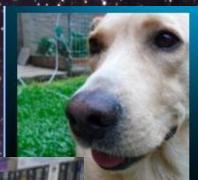


マップ・台紙配布スタンド



街中サイエンスカフェの様子(左;西野園/右:喫茶グラナダ)

GTTP e-training





Figueiró pinelli Chuck Ruehle







Open Discovery Space



Discover the Cosmos Demonstrators

Hands-on Universe

Global Science System

EUHOU series

GTTP Days



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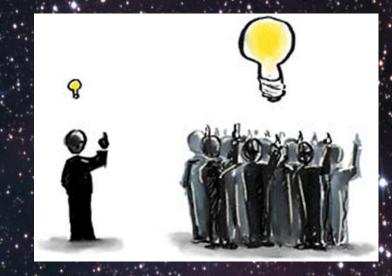
GTTP eScience Café



Open Discovery Space







COMPETITION

COOOPERATION

X









Obrigada !!!

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