

INTERNATIONAL YEAR OF ASTRONOMY 2009

ACHIEVEMENTS, LEGACY AND WAY FORWARD

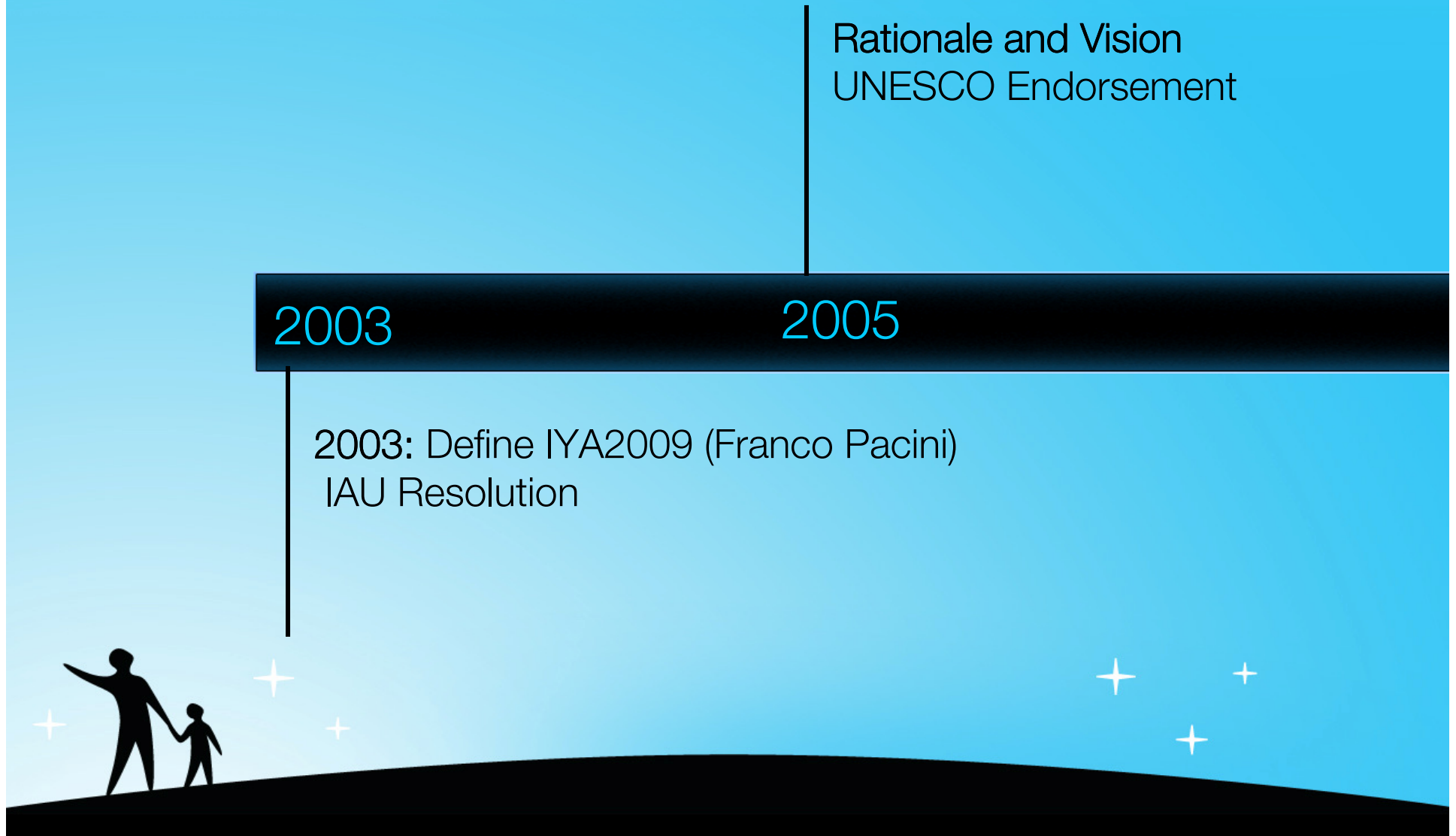


THE UNIVERSE , YOURS TO DISCOVER

Pedro Russo
Global Coordinator for IYA2009



Strategic Planning: Defining the Project



Strategic Planning: Defining the project

Project definition

- Building blocks:
 - Portal to the Universe (idea presented for the first time in the C55 Business Meeting in the IAU GA in Prague)
 - Quantum Diaries → The Universal Times → Cosmic Diary
 - *“Connect people with the night sky and to help them become aware of light pollution issues”* → Dark Skies Awareness
 - *“Arrange a series of live webcasts over a 24-hour period from telescopes around the world.”* → 100 Hours of Astronomy (Around the World in 80 Telescopes)

Establishment IYA2009 Working Group: Goals and objectives

2006



Strategic Planning: Defining the project

2006 - 2007

Meetings

- SPoCs meeting in Garching, March 2007
- International Meeting in Athens, October 2007

July 2007

IYA2009 Secretariat

- Established at ESO
- Central hub of the IYA2009 activities.
- Established to coordinate activities during the planning, execution and evaluation of the Year.



Strategic Planning: Defining the project

19 December 2007:
United Nations 62nd General Assembly proclaimed 2009 as the International Year of Astronomy

International Year of Astronomy:
Implementation

2007

2008

2009

UN designates
UNESCO as lead
agency together with
International
Astronomical Union
(IAU)

Preparation:
National Nodes
Organisational Nodes
Cornerstones Projects
Special Projects



IYA2009 Vision and Goals

Everyone should realise the impact of astronomy and other fundamental sciences on our daily lives, and understand how scientific knowledge can contribute to a more equitable and peaceful society.

- Increase *scientific awareness*.
- Promote widespread access to *new knowledge and observing experiences*.
- Empower *astronomical communities in developing countries*.
- Support and improve *formal and informal science education*.
- Provide a *modern image* of science and scientists.
- Facilitate *new networks* and strengthen existing ones.
- Improve the *gender-balanced representation* of scientists at all levels and promote greater involvement by underrepresented minorities in scientific and engineering careers.
- Facilitate the *preservation and protection of the world's cultural and natural heritage* of dark skies in places such as urban oases, national parks and astronomical sites.



National Nodes

148

Organisational Nodes

40

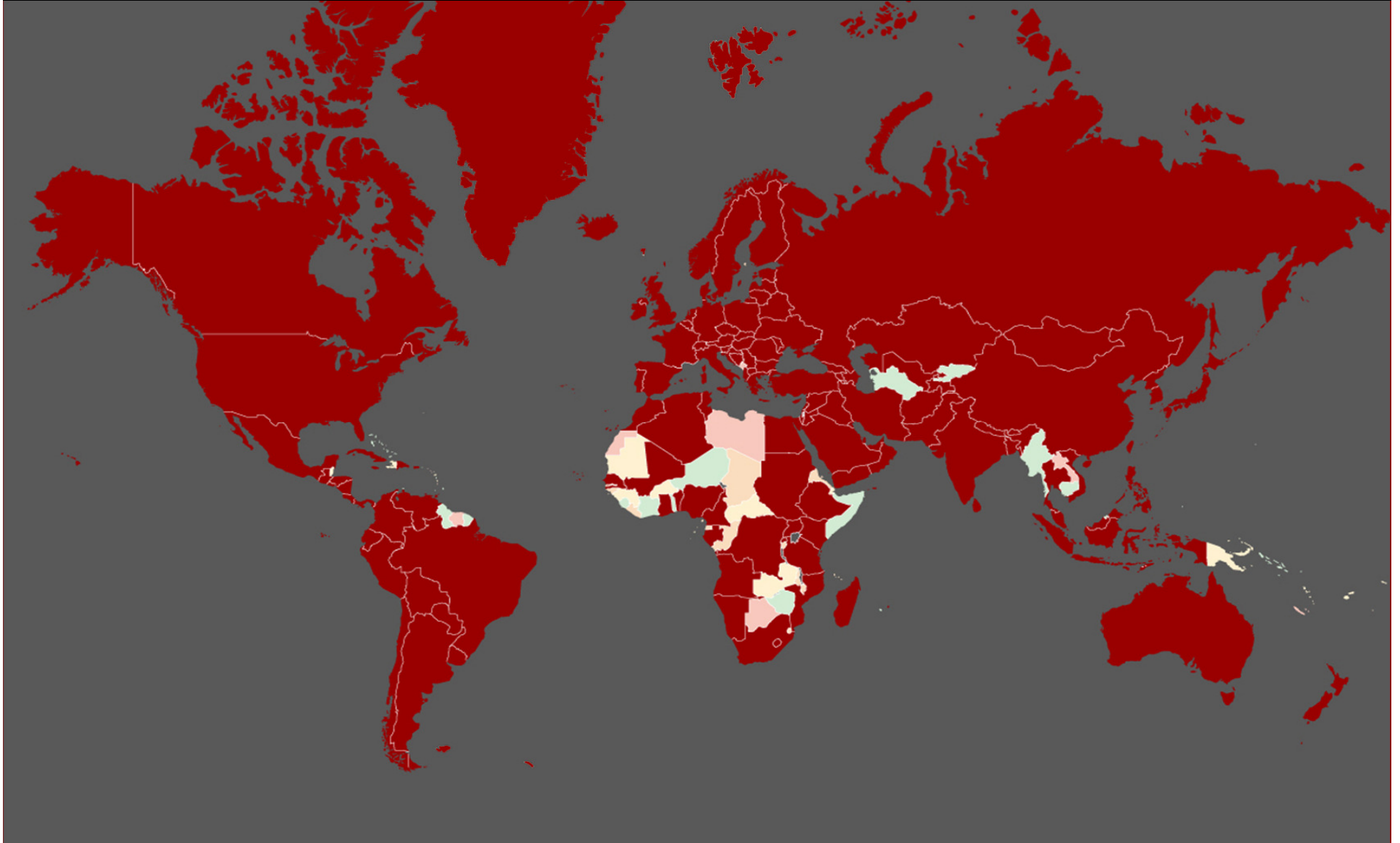
Special Projects

16

Cornerstone Projects

13

Global Network



Cornerstone Projects





IAU General Assembly, Rio de Janeiro, Brazil, 13.09.09



Observing Orion, Antofagasta, Chile, 05.04.09



Montreal Planetarium performances of Galileo Live!, Montreal, Canada, 13.11.09



Galilean Nights, Kazim Karabekir, Turkey, 22.10.09



President of the Republic of Slovenia
becomes patron of IYA2009 in Slovenia



President of the Polish Republic
presides over the Polish IYA2009
Honour Committee.



Belgium Prime Minister
Herman Van Rompuy
voices support for
IYA2009



President of the Portuguese
Republic presides over the Portuguese
IYA2009 Honour Committee.

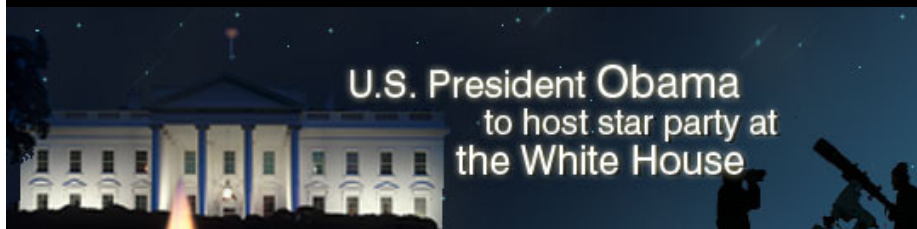


US House of Representatives
Resolution Supporting IYA2009



Not just stargazing:
Europe builds on centuries of cooperation
in astronomical research

Janez Potočnik
(European Commissioner
for Science and Research)



U.S. President Obama
to host star party at
the White House



Prince Felipe of Spain (Prince of Asturias)
presides over the Spanish IYA2009
Honour Committee.

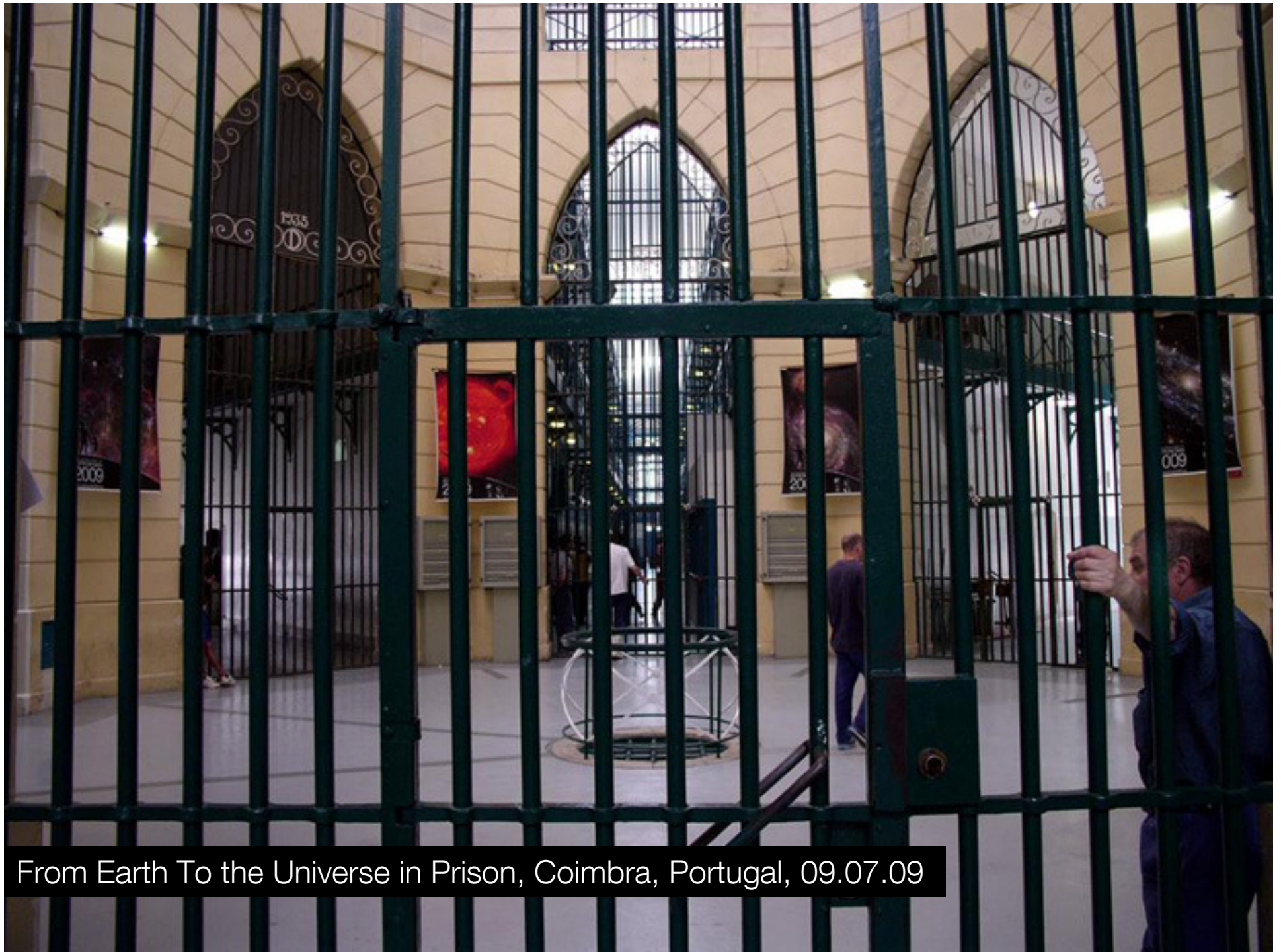
Political Support



IYA2009 Opening Event, Cuenca, Spain, 19.02.09



From Earth To the Universe, Slovenia, June to December 2009



From Earth To the Universe in Prison, Coimbra, Portugal, 09.07.09



From Earth To the Universe, Geneva, Switzerland, 06.06.09 – 02.09.09



70 postal agencies have issued over 150 new stamps inspired by astronomy.



Coins issued by 13 national mints



Children Design a Floral Exhibit, Solihull, UK, 10.07.09



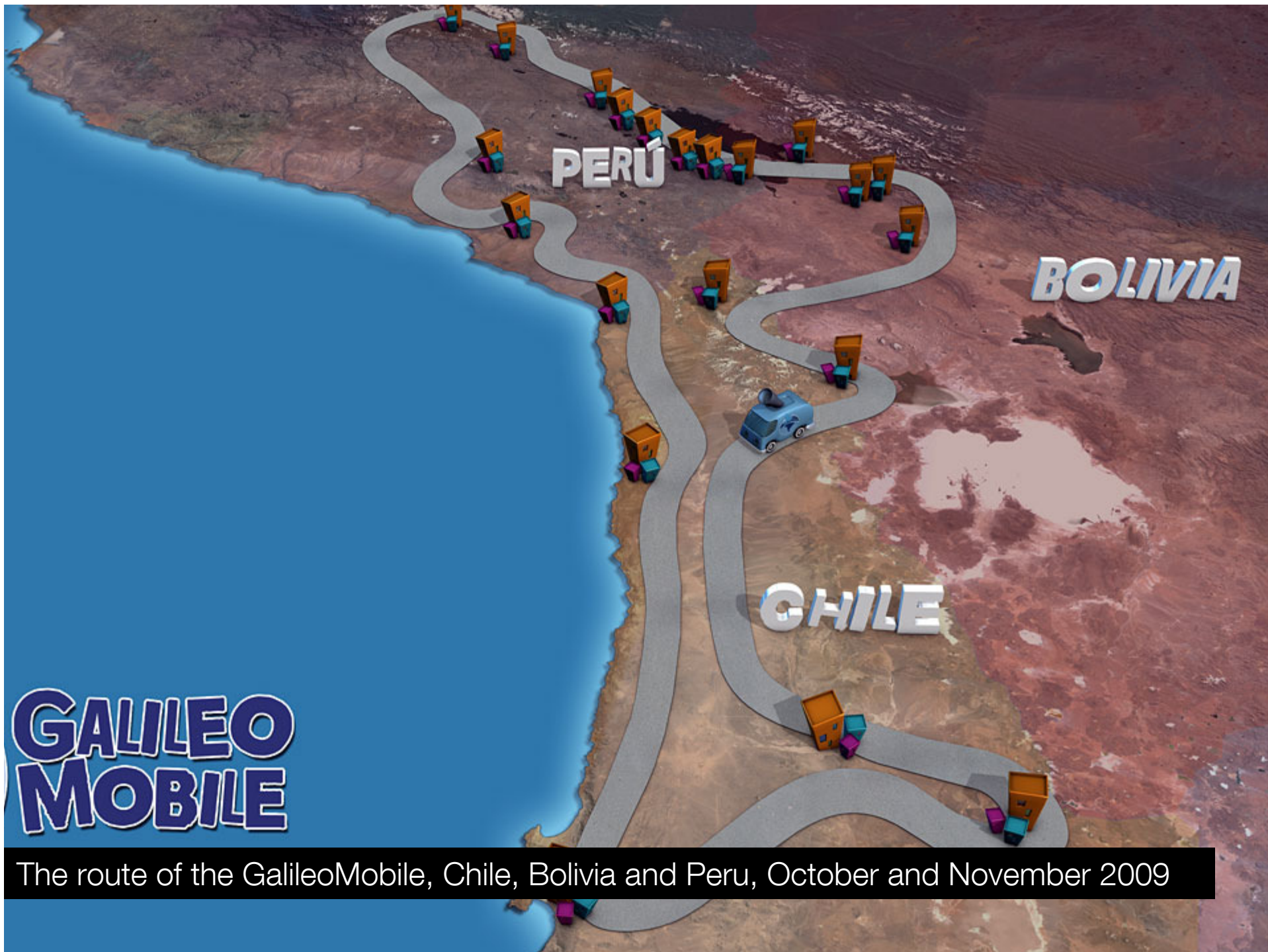
TWAN exhibition, Prairie Hills Mall, Dickinson, North Dakota, US, August 2009



IYA2009 banner in the fairing of the Ariane 5, ESA,
14.05.09



Astronomy pictures in Metro Stations, Paris, France, December 2009



The route of the GalileoMobile, Chile, Bolivia and Peru, October and November 2009



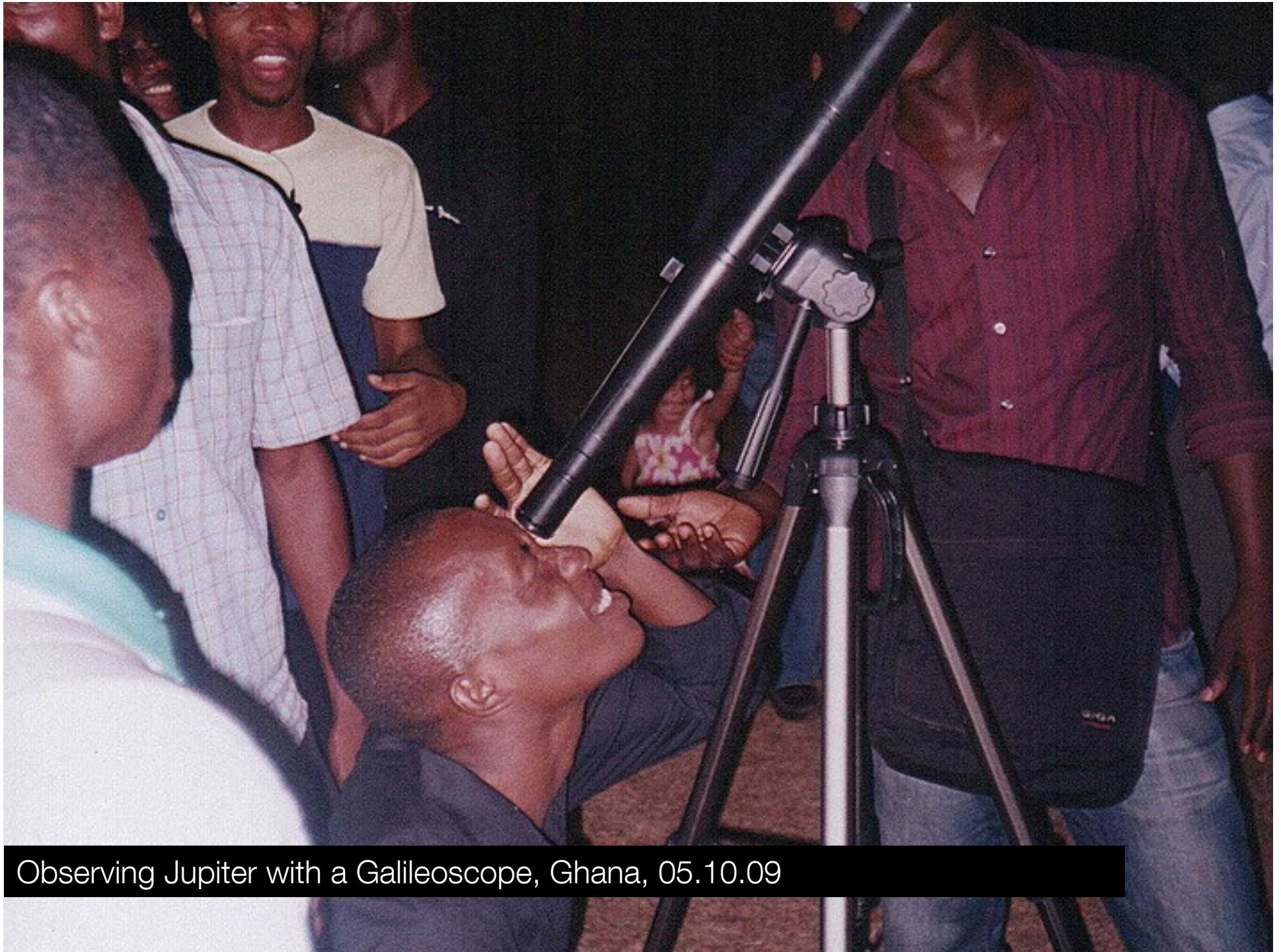
Astronomical exhibit, Baghdad, Iraq, August 2009



University lecture at the Eduardo Mondlane University, Maputo, Mozambique, July 2009



World Space Week 2009 presentation, Enayetpur, Bangladesh, October 2009



Observing Jupiter with a Galileoscope, Ghana, 05.10.09

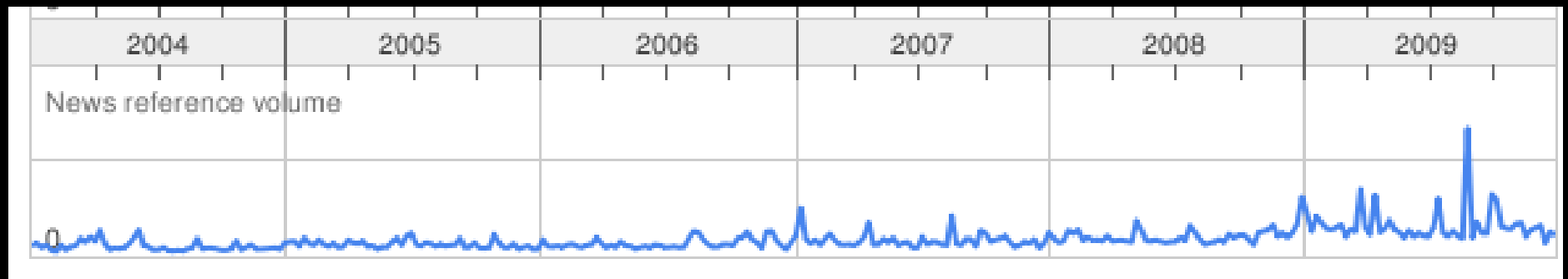


100 Hours of Astronomy, India, 04.04.09



100 Hours of Astronomy, Vietnam, 04.04.09

Some results



Google News Reference Volume for the keyword: "Astronomy" between 2004 - 2009

Reports received from SPoCs and Projects

55%

Budget

17 mil.€

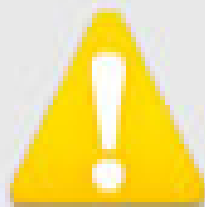
Number of Activities Reported

50 000+

Number of People Reached

102 mil

International Year of Astronomy 2009



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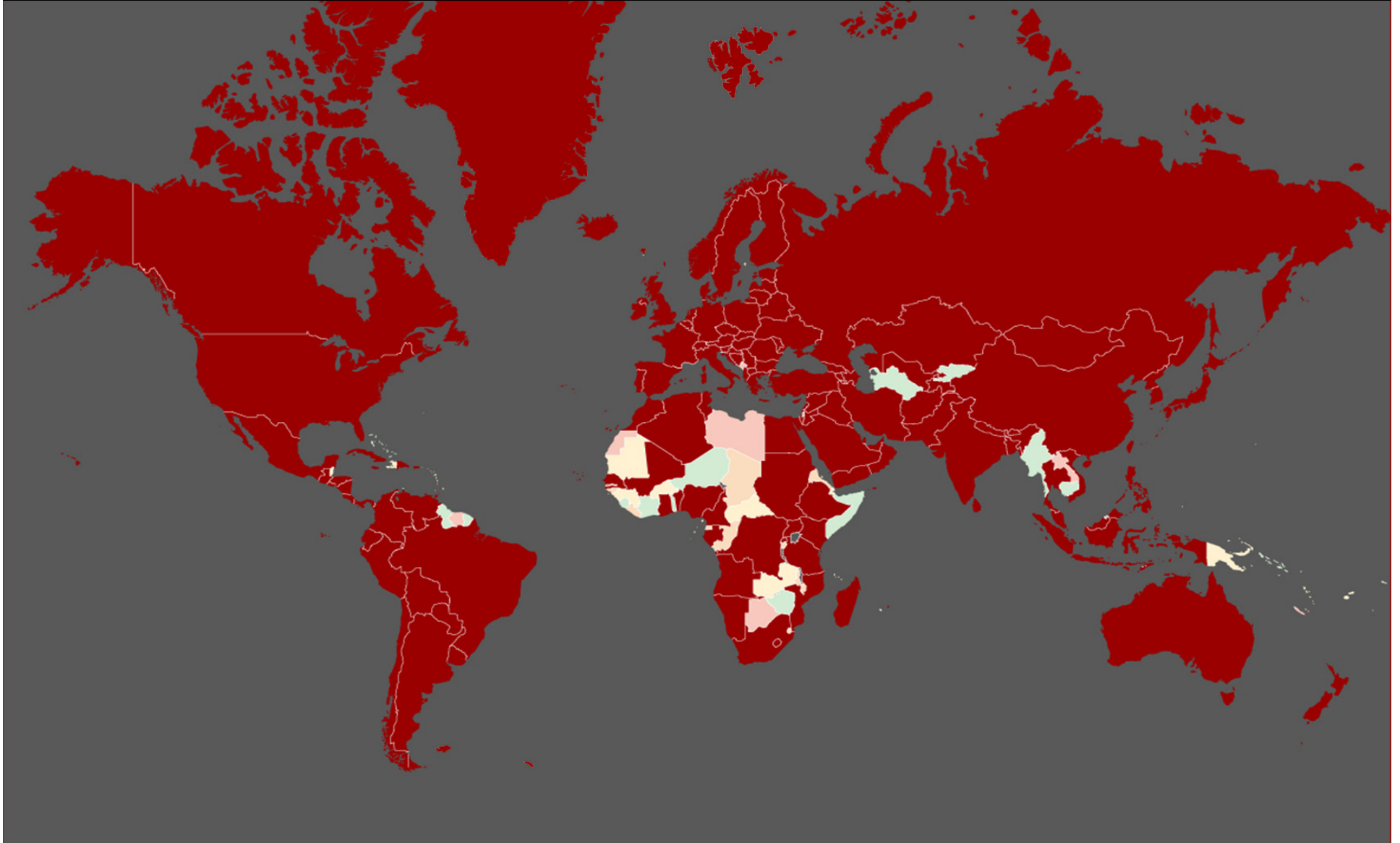
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Galileoscope				New price, -> company
Portal to the Universe				
Galilean Nights				
100 Hours of Astronomy				Global Astronomy Month, April 2010
From Earth to the Universe				Lots of ideas/momentum
Developing Astronomy Globally				In cooperation with IAU Office for Astronomy Development
Cosmic Diary				Book
She is an astronomer				
Galileo Teacher's Training Prg.				Funds to organise workshops in 2010 (500 EUR/country)
Universe Awareness				
Astronomy & World Heritage				
Dark Skies Awareness				

Global Network





South African Astronomical Observatory, host for the IAU
Office for Astronomy Development

IAU Strategic Plan 2010 - 2020

- Regional Nodes for Astronomy Development

- Graduate Students programmes
- Graduate and undergraduate schools
- Teachers Training Courses
- Inputs for the lecture programme
- Lead in regional funding activities

- Sector Task Forces:

- Astronomy for Universities and Research
- Astronomy for Children and Schools
- Astronomy for the Public

- Some of them are already taking place in cooperation with UNESCO and the UN Office for Outer Space Affairs

Office for
Astronomy
Development





www.astronomy2009.org

Global Sponsors



Organisational Associates



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