recent experiences, activities and resources that were developed (or will be in the very next future) in the framework of the project, and are freely available on the web site. Some examples are: educational materials for teachers, a news service for kids in collaboration with top research institutions, books and beautifully illustrated science stories, shadow puppets, etc.

Posters

The Fermi Gamma-ray Space Telescope
Stefano Ciprini (ASDC and INAF Rome, Italy)

The Universe is home to numerous exotic and beautiful phenomena, some of which can generate inconceivable amounts of energy. The Fermi Gamma-ray Space Telescope is opening this high-energy and variable Universe. Gamma-rays permeate the cosmos and with a huge leap in all key capabilities, Fermi is enabling scientists to answer deep and perplexing questions.
The Large Area Telescope (LAT) is the principal scientific instrument on the Fermi spacecraft. Originally called the Gamma-Ray Large Area Space Telescope (GLAST), the mission was renamed for the physicist Enrico Fermi. It was launched into a near-earth orbit on 11 June 2008, with a goal for mission operations of 10 years. The LAT was built by an international collaboration with contributions from space agencies, high-energy particle physics institutes, and universities in France, Italy, Japan, Sweden, and the USA. The Fermi LAT mission was already awarded in 2011 of the Bruno Rossi Prize, and in 2012 of the W.K.H. Panofsky Prize.
Questions like why to study galactic and cosmic gamma-rays from space, the key scientific objectives of the mission, the LAT instrument description, and basic facts and some highlights about the scientific discoveries of the Fermi mission are reported and represented in this comprehensive and graphical poster addressed to a competent general public and to high school (K9-12) students.

THE INTEGRATED SYSTEM FOR THE DISSEMINATION OF THE ASTRONOMICAL AND ASTROPHYSICAL KNOWLEDGE: CIELO@SCUOLA
A.Cora[(1)], D.Marocchi[(2)], A. Capetti[(1)], G.Matteucci[(3)] and Educational Office Planetarium of Torino[(4)]
[(1)]INAF-Astronomical Observatory of Torino, [(4)]Infini.to Planetarium of Torino and Museum of Astronomy and Space, [(2)]University of Torino, [(3)]CSP - innovazione nelle ICT

The fast growing World Wide Web has rapidly transformed everyday life and it has forced institutions to adopt completely new ways of teaching. CIELO@SCUOLA is an integrated system for the dissemination of the astronomical and astrophysical knowledge, born from a project developed by INAF-Astronomical Observatory of Torino, Infini.to Planetarium of Torino and Museum of Astronomy and Space, the University of Torino, and CSP - innovazione nelle ICT. The aim of this project is to support high-school science teachers and in this way to increase the students interest in astronomy and astrophysics. The system adopts innovative WEB systems and tools to hold interactive remote courses and exchange experiences. In this paper we present our activities and the first up-to-date educational on-line courses for science teacher held during winter-spring 2012, when about 50 teachers have followed the course in four different multimedia laboratories dislocated on the Piedmont territory.

Diva-eleven years of outreach activity in Rome
Francesco D'Alessio, Marco Faccini, Giuliana Giobbi, Riccardo Leoni (INAF - OAR, Rome, Italy)

The DivA Project for Astronomy Outreach was created in the year 2000 by a group of astronomers and technicians working at the INAF- Astronomical Observatory of Rome. The group wanted to realize a permanent structure in order to organize and manage teaching and outreach activities at the Observatory. Year after year, the activities of DivA have gradually