



SPACE TO YOUNGSTER



**THE ITALIAN SPACE AGENCY
EDUCATIONAL PROGRAMS**

Germana Galoforo

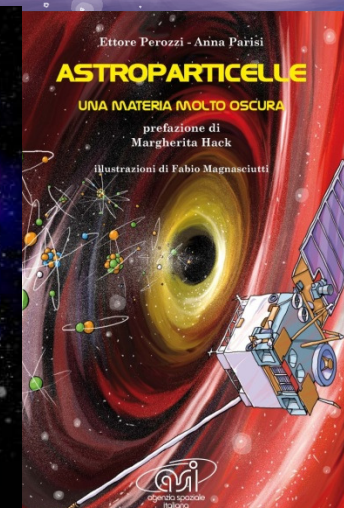
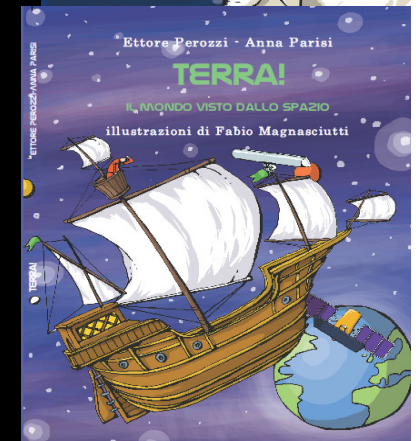
COPUOS - June 14, 2012

ASI Educational activities for youngster

- Educational products to be distributed to schools and students to increase space science and technologies knowledge (edutainment approach)
- Educational & Outreach projects to involve students and the general public into the space world (experiential approach)

ASI Educational products

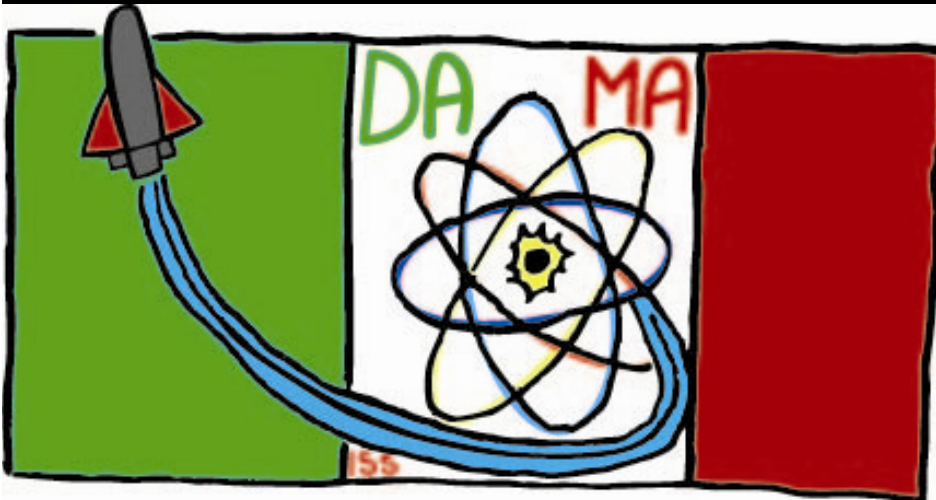
- Comic books on space sciences and missions
- Videogame on ISS
- Puzzles 3D of space satellites and ISS
- Earth Observation satellites kit (with ESA)
- Cartoon movies
- ...and so on



ASI Educational projects

- Mission X - Train like an Astronaut
- Zero Robotics
- Italian Astronauts Mission contests
- Aerospace Web Channel

The STS-134 Mission Name and Logo contest winner



Aerospace Web Channel home page: spazioallescule.it

canale web aerospaziale

"LO INGEGNO, SENZA ESERCIZIO SI GUASTA"
LEONARDO DA VINCI

Home News Vinci con Space Adventure Forum Risorse

Spazio alle scuole
Il Canale Web Aerospaziale
L'ASI
Spazioarchivio
Link utili

Area riservata

Username
Password

Ricordami Entrata

Registrati
Password dimenticata?

Sei in Home

scopri costè
Spazio alle scuole
guarda il video

Benvenuti nel Canale Web Aerospaziale!
Siete appena approdati nello "spazio alle scuole", dove vi aspettano due divertenti percorsi nel mondo dello spazio e dell'aeronautica. L'ASI vi propone un viaggio nel cosmo, a bordo dei più avanzati laboratori orbitanti, e un viaggio terrestre, alla scoperta delle leggi che regolano il volo e il moto dei veicoli. Buon viaggio e buon divertimento!

COMUNICAZIONE IMPORTANTE
PROROGA AL 30 SETTEMBRE 2012 DELLE ISCRIZIONI AL CONCORSO SPACE ADVENTURE E DEL PROGETTO CANALE WEB AEROSPAZIALE

L'Agenzia Spaziale Italiana e lo staff del Canale Web Aerospaziale comunicano la proroga dei termini di iscrizione al concorso Space Adventure e dell'inizio delle attività didattiche legate al Programma Canale Web Aerospaziale.

Fatte salve le condizioni indicate dal regolamento, le nuove date sono le seguenti:

- Termine iscrizioni: 30 settembre 2012
- Inizio delle attività didattiche: 15 ottobre 2012
- Inizio del concorso a premi Space Adventure 14 gennaio 2013

Ultime Notizie

Disegna e disegna la missione di Luca Parmitano
CONCORSO A PREMI PER L'IDEAZIONE DEL NOME E DEL LOGO DELLA MISSIONE ISS 36/375e desideri intraprendere

Laboratorio per una nuova comunicazione ambientale - 25 maggio 2012 - Monte Porzio Catone (Roma)

Mission X

Train like an Astronaut

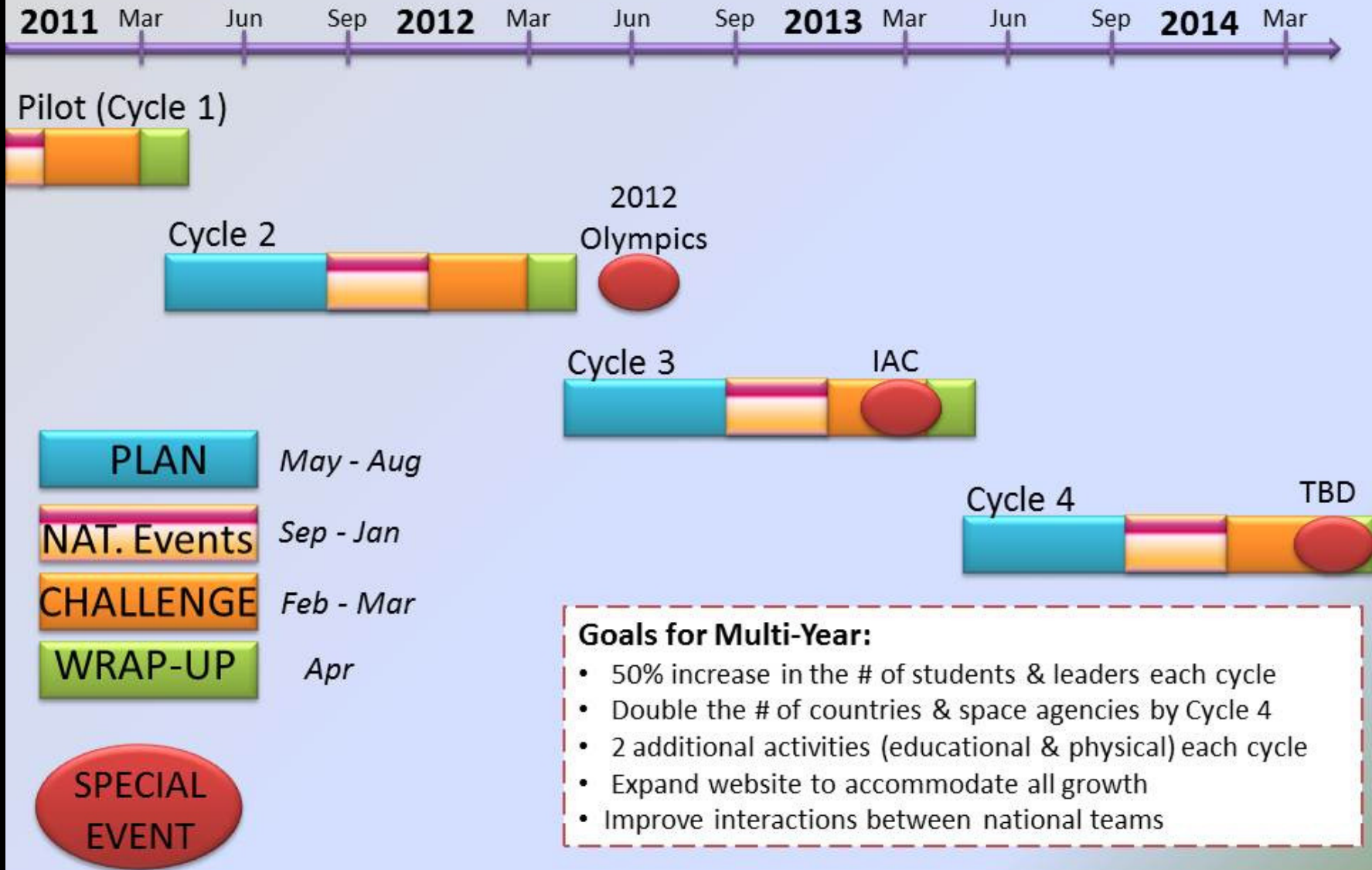


A global project to promote and inspire healthy lifestyles among young people (age 8-12) by showing how astronauts and cosmonauts stay fit

Mission X aimed to demonstrate how countries all around the world could work together to incentive an healthier lifestyle.



Mission X Multi-Year Campaign Concept



2012 PARTICIPANTS

17 Countries Participating, **7** Countries Observing, 12 Languages
7 Space Agencies, 4 Space Offices, 9 Organizations/Institutions



Observing Countries



24 Countries total will experience Mission X in 2012

2012 PARTICIPANT DETAILS

Languages

1. English
2. German
3. Italian
4. Castilian
5. Colombian Spanish
6. Dutch
7. French
8. Japanese
9. Portuguese
10. Czech
11. Swedish
12. Danish
-
13. Russian

Space Agencies

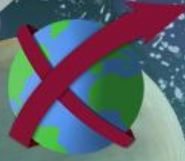
1. NASA (US)
2. ESA (Europe)
3. DLR (Germany)
4. CNES (France)
5. ASI (Italy)
6. UK Space Agency
7. JAXA (Japan)

Space Offices

1. NSO (Netherlands)
2. FFG (Austria)
3. Colombia
4. Czech Space Office

Organizations/Institutions

1. CDTI (Spain)
2. Universidad Politécnica (Spain)
3. Infini.to (Italy)
4. Vienna Technical Museum (Austria)
5. Ciencia Viva (Portugal)
6. Museum.BL (Switzerland)
7. Eurospace Centre (Belgium)
8. Tycho Brahe Planetarium (Denmark)
9. Space Expo (Netherlands)



MISSION X

[Login](#)[Languages](#)[Countries](#)[Mission Data](#)[Mission Support](#)[Walk To The Moon](#)[ABOUT](#)[BLOG](#)[CONTACT](#)

All Systems Go!

Welcome to Mission X, a 6-week international fitness challenge. We're focusing on fitness and nutrition as we help students to "train like an astronaut."

[▶ Learn More](#)

View Country Content



www.trainlikeanastronaut.org

Mission X 2012



[video](#)

Mission X 2011-2012 in Italy

- Total number of participating children: 800
- Total number of participating adults: 56
- Total number of teams involved: 28
- Total number of cities involved: 10
- In 2011 one final event with Samantha Cristoforetti and an in-flight call with Paolo Nespoli
- In 2012 an opening event, a final event and a special event in London (the Olympics)

Zero Robotics: Spheres **(Synchronized Position Hold Engage** **and Reorient Experimental Satellites)**



ISS017E021361

Zero Robotics

- A competition designed to cultivate interest in STEM.
- The competition starts online where teams compete to solve an annual challenge.
- Participants can create, edit, save, simulate, and submit code, all from a web browser.
- After several phases of virtual competition, finalists are selected to compete aboard the ISS in a live championship.
- The project enforces an international collaboration between teams.

Zero Robotics in Italy

The winning team of the pilot edition was Italian.

The Italian Space Agency is supporting the 2012 edition and organizing the world finals in Italy.

Main returns of educational projects

- goodwill and interest for space topics
- orientation of the youth towards scientific studies
- opportunity for young students and teachers from different countries to experience a multicultural environment and to confront each other
- international cooperation



Thank you!

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