



INFOMATRIX
I have a talent in Robotics.



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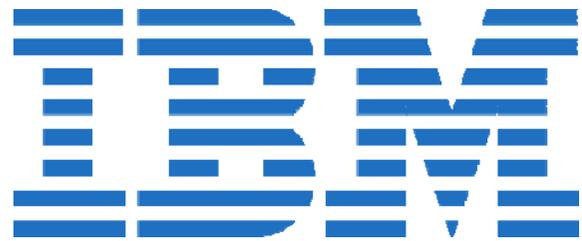
What is Infomatrix?

Infomatrix is an international informatics and robotics project competition aiming to encourage young people to apply their imagination, passion and creativity to technology innovations that can make a difference in the world today.

Organised by



Sponsored by



International partners



Competition categories



Programming



Computer art



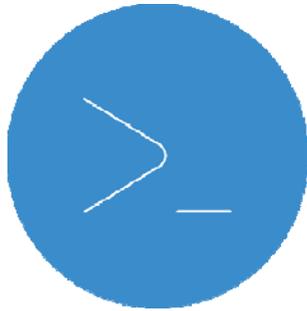
Robotics



Hardware control



Short movie (Triumph over adversity)



Programming

Plan. Code. Debug.

Create an application (i.e. Utility Programs, mobile application for Android or IOS, Edutainment and Entertainment applications, intranet and internet applications), GNU/Linux, FreeBSD or Apple MacOS X etc.

You may use any programming language (or scripting languages) you wish C++, C#, Java, Pascal, ASP, ASP.NET, PHP etc.) It is crucial that an application has usability and a proper easy-to-use interface as well as functionality. But of course, none of these matter if the key element is missing: a good idea

If you think you're up to the challenge and are able to create a working program from top to bottom, you should definitely give it a try!



Computer Art

Design. Colour. Render.

Computer art (aka digital art) is an artistic work or practice that uses digital technology as an essential part of the creative or presentation process.

Digital art can be purely computer-generated (such as fractals and algorithmic art) or taken from other sources, such as a scanned photograph or an image drawn using vector graphics software using a mouse or graphics tablet.

The following categories of art will be accepted 2D artwork, 3D artwork, 2D animation, 3D animation. you may use any software such as Illustrator, Photoshop, 3D Studio Max and AutoCAD etc. Animations should not more than 7 min long.

Although there is no theme set for this category, the artwork should convey a message on its own.



Hardware Control

Build. Code. Run.

Create a software controlling or cooperating with an electronic/mechanic device. You are free to choose from anything. You should try to piece together your own original device, from whatever spare parts and tools you have at your disposal.

However, it needs to have a software component which interacts with the hardware parts.

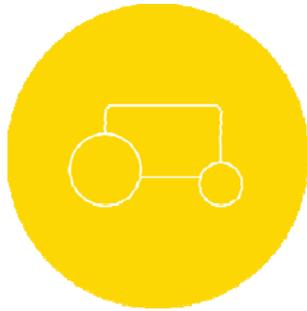
Creativity is as important as mechanical and programming skills in this category.



Short Movie (Triumph over Adversity)

Ready. Set. Action.

Create short movie in which you will convey the message (refer to the theme below) in a story enhanced with visual and audio effects by using popular video editing tools like After Effects, Sony Vegas, Movie Maker, Adobe Premiere, Final Cut, iMovie etc. The duration of the film must be between 3 and 7 minutes. English subtitles are required for submissions with language/s other than English. Films should be uploaded to public sites for online viewing (YouTube, Vimeo etc). A trailer of the movie may suffice for the first stage to get qualification to the world final if it shows enough to judge the quality of the full movie. All genres are accepted with the exception of music videos and animations. Stock footage can be used in some part of the movie if not fully allowed. Slideshows are not accepted. Once you submit your project on this site, you can continue working on it and make amendments until exhibition time at the world final.



Robotics

Design, build and program robots!

People have a certain interest in robotics and it is increasing considerably.

To make the new generation more curious and passionate about robots, several competitions have been held in different countries around the globe.

Infomatrix invites the best minds from around the world to compete in Robotics category.

Infomatrix has 4 subcategories for Robotics:

Mini Sumo

Line Follower

Lego Sumo

Lego Line Follower

Facts (2016 only)

345

projects

599

students

48

countries

Past events





INFO
MATRIX
WORLD FINALS
BUCHAREST 2015

357 projects
51 countries

PROGRAM
Opening Ceremony
15 May 2015 / 11:00 - 12:00
Exhibition
15 - 16 May 2015 / 10:00 - 18:00
Location
New Caledonia, District 3 Bucharest
www.info-matrix.ro









INFO
MATRIX
WORLD FINAL
BUCHAREST - ROMANIA

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BUCHAREST - ROMANIA

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Schedule



Contact



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