



International Physics Year in GLOBE program : Eratosthene experiment between France and Spain

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During the International Physics Year, GLOBE program organized the Eratosthenes Experiment , offering the possibility to create partnership between schools around the world.

In south of France, near Toulouse, two teachers in two different schools decided to have their students participating. Partner schools were selected in Spain, offering a opportunity of speaking spanish.

After two or three weeks for preparation, the schools have been able to make measurements with differents experiment systems. Confrontation with measurements from the partners schools give estimations of Earth perimeter, laying between 36000 and 42000 km depending on experimental concept.

Young people have been convinced that physics can be an every body practice but that scientific protocole has to be followed with precision and care, for the sake of the result accuracy.