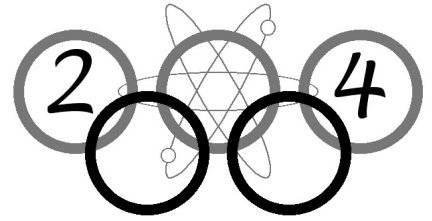


LIVERPOOL PHYSICS OLYMPICS



Team

Rank

Fermi Questions

- | | | | |
|----|---|----------------------|-------|
| 1 | What is the gravitational force between the Earth and the Moon? | <input type="text"/> | N |
| 2 | How many seconds are there before Liverpool becomes the European Capital of Culture? | <input type="text"/> | s |
| 3 | What was the total mass of medals won at the other Olympics (Athens 2004)? | <input type="text"/> | kg |
| 4 | What is the mass of an alpha particle relative to the mass of a beta particle? | <input type="text"/> | |
| 5 | What is the frequency of yellow light? | <input type="text"/> | Hz |
| 6 | What is the annual global consumption of electrical energy? | <input type="text"/> | J |
| 7 | How long does it take for a TV signal to travel to a geostationary satellite? | <input type="text"/> | s |
| 8 | How hot is a typical tungsten lightbulb filament when it is switched on? | <input type="text"/> | K |
| 9 | What is the Earth's orbital speed around the Sun? | <input type="text"/> | km/hr |
| 10 | What was the kinetic energy of Concorde when it was cruising at Mach 2? | <input type="text"/> | J |
| 11 | How long does a radio transmission from Cassini (orbiting Saturn) take to reach Earth? | <input type="text"/> | s |
| 12 | At what speed are the American and European continents drifting apart? | <input type="text"/> | m/s |
| 13 | What is the combined brain power of your team? (brain power = total power consumption of your brain) | <input type="text"/> | W |
| 14 | How many people were in The Beatles? | <input type="text"/> | |