



WG2: Educational games



Have fun!

Online Computer Games

Virtual Atom Smasher

An interactive educational game from CERN

Welcome to the first public BETA release of an interactive game that lets you become a virtual scientist at CERN! You will be presented with the real data and tools that the scientists use and we will guide you step-by-step through the exciting world of particle physics!

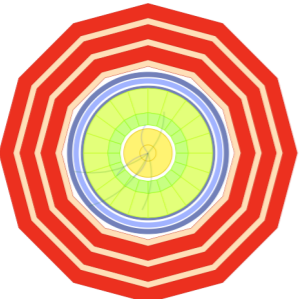
[PLAY THE GAME](#) [FORUM](#) [READ MORE](#)

Particle Clicker Achievements Statistics Saved: 8:23

Research

- CP violation Level 2**
CP symmetry is broken!
Research yields 1 reputation.
[183 data](#) [1](#)
- J/ψ Level 1**
The J/ψ meson consists of a c and an anti-c quark.
Research yields 6 reputation.
[680 data](#) [1](#)

CERN



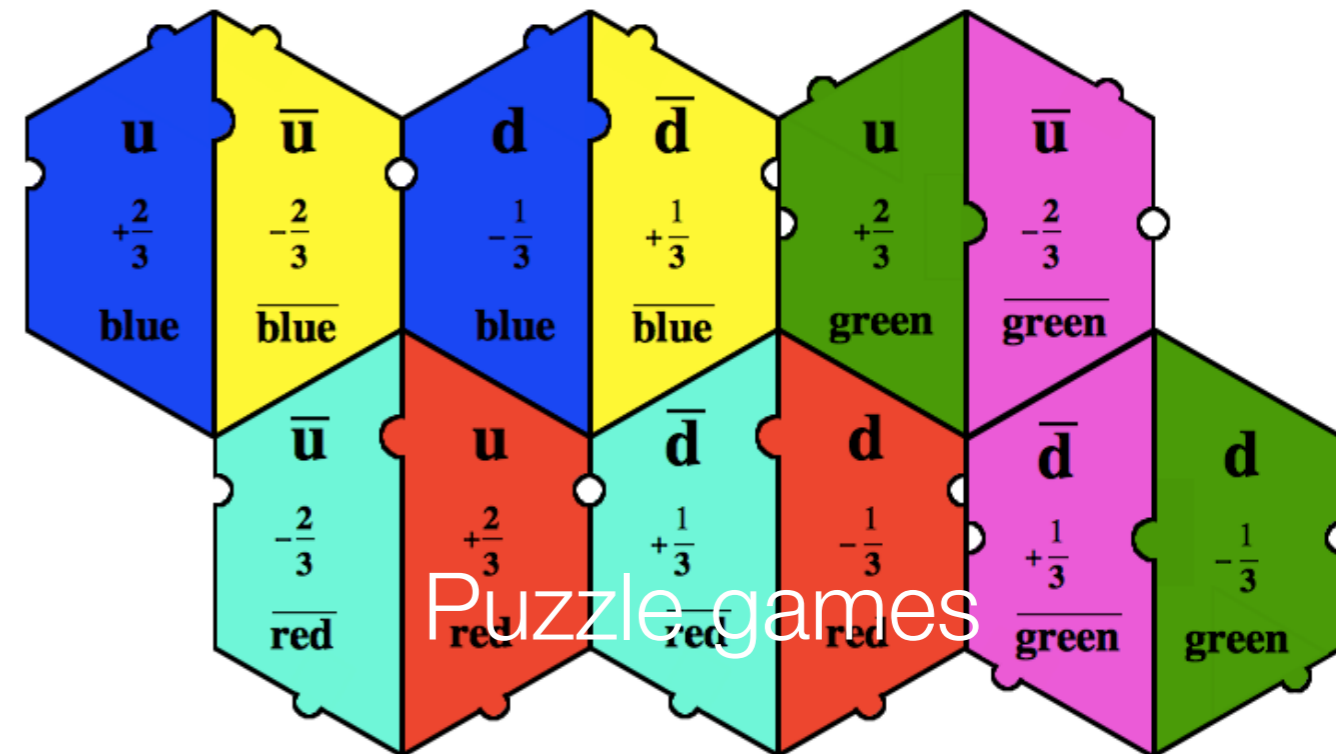
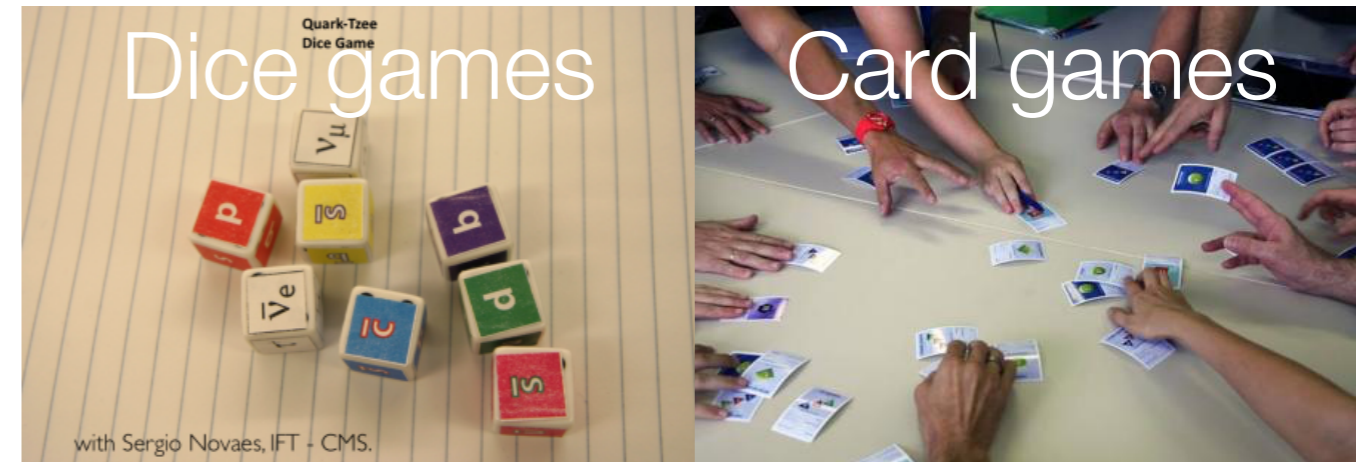
Data 124 +4 Reputation 11 Funding JTN 1.4k +55

HR

- Master Students**
Cheap and enthusiastic workforce, they can save you a lot of work.
Produce 1 data per second.
[JTN 200](#)
- PhD Students**
[JTN 800](#)

Upgrades

- $\sqrt{s} = 28 \text{ GeV}$
Increased centre-of-mass energy.
Double the amount of data per click.
[JTN 2.0k](#)
- $L = 1 \times 10^{30} \text{ cm}^{-2}\text{s}^{-1}$
Increased instantaneous luminosity.
+3 data per click.
[JTN 800](#)



Specific Task for the group

- (1) Have Fun!
- (2) Find out, which games are efficient when learning particle physics.

Working group leaders, 1st meeting

- Abha Eli Phoboo: abha.eli@cern.ch
- Konrad: konrad.jende@cern.ch
- 1st meeting: 8 July 2015 4:00pm at 61/1-009 (Salle C)

Merci



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