



# Istituto Comprensivo Agatino Malerba Catania

## SEMINARIO

### DIDATTICA E STRUMENTI DIGITALI

Dall'innovazione del sistema educativo  
alle opportunità per l'inclusione scolastica



**Giovedì 6 ottobre 2016 - Ore 15:30**

**Sede centrale dell'I.C. "Agatino Malerba"**

**Via Pidatella, 127 - Catania**

**Relatore:**

**Prof. Andrea Raciti**

In physics, nuclear fusion is the process by which multiple nuclei join together to form a heavier nucleus. It is accompanied by the release or absorption of energy depending on the masses of the nuclei involved. In our solar system, the sun and other stars take the largest binding energy per nucleon of all nuclei and therefore are the most stable. The fusion of nuclei other than hydrogen releases energy while the fusion of nuclei heavier than iron releases energy. For the reverse process, nuclear fission, Nuclear fission of light elements releases the energy that causes stars to shine, and fission fuels the explosion. Nuclear fission of heavy elements releasing energy occurs in the extremely high-pressure conditions of supernova explosions. Nuclear fusion in stars and supernovae is the primary process by which new natural elements are created. In the modern world, hydrogen isotope fusion is the primary process by which new natural elements are created. In the modern world, hydrogen isotope fusion is the primary process by which new natural elements are created. In the modern world, hydrogen isotope fusion is the primary process by which new natural elements are created.

**Info:**

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