

# Introduction to the tokamak operation (GOLEM specific) - Level 1

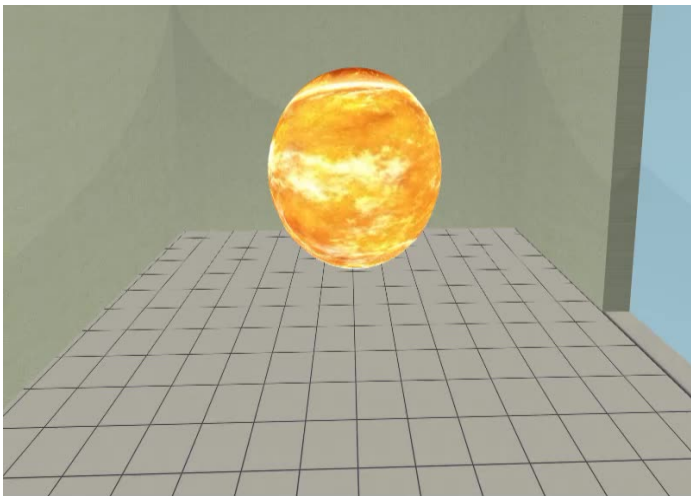
Vojtěch Svoboda  
on behalf of the tokamak GOLEM team  
for the **The 4th ASEAN School on Plasma and Nuclear Fusion**  
training session

February 1, 2018

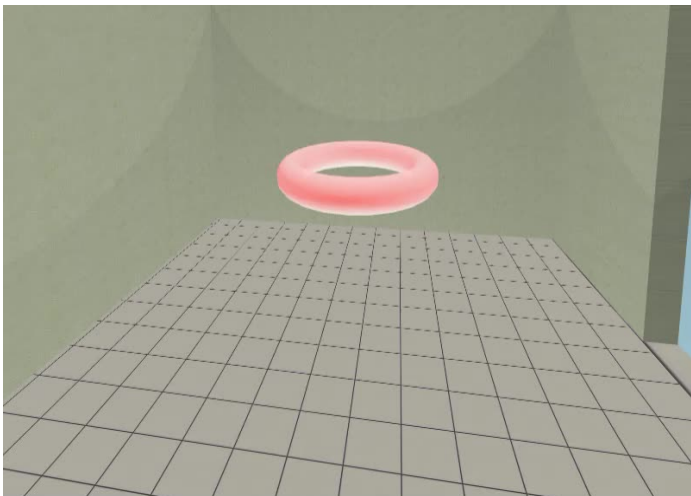
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- 1 The tokamak (GOLEM) concept

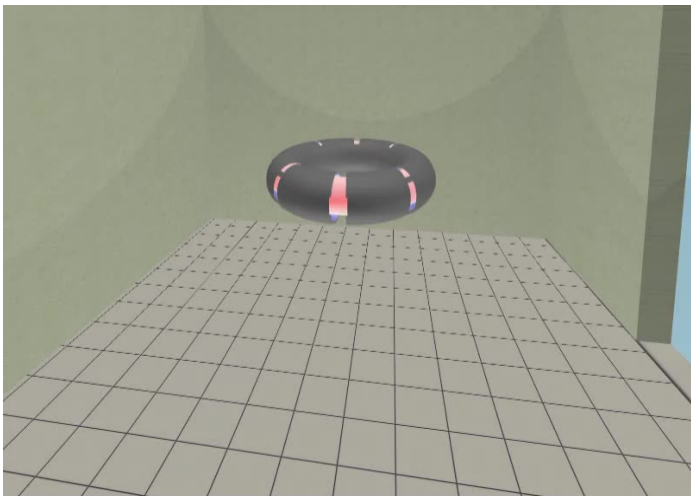
The technology to conquer: make a  $\mu$ Sun on the Earth



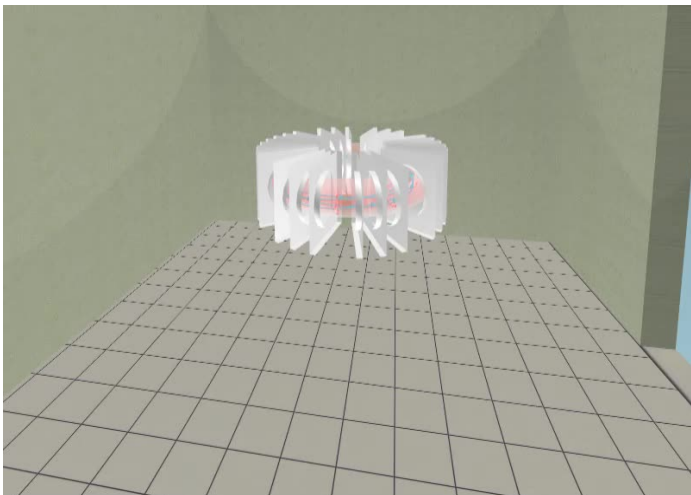
Magnetic confinement requires the toroidal geometry



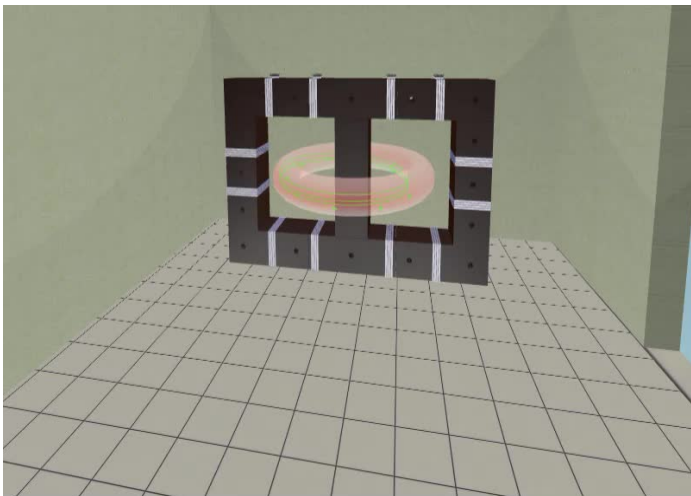
The thermonuclear reaction takes place in the chamber



Toroidal magnetic field coils secure the plasma confinement



# Transformer secures the plasma creation and heating



# The final technology altogether

