Title

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

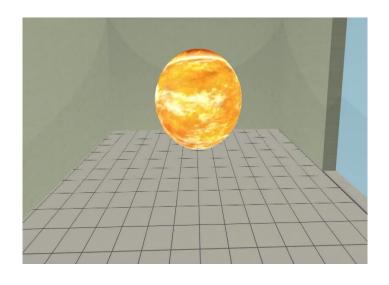
Vojtěch Svoboda on behalf of the tokamak GOLEM team for the **The 4th ASEAN School on Plasma and Nuclear Fusion** training session

February 1, 2018

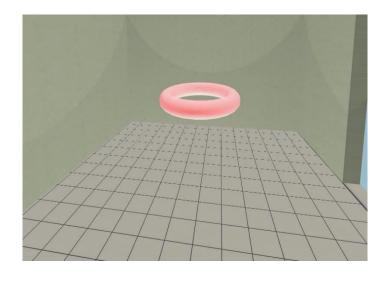
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1 The tokamak (GOLEM) concept

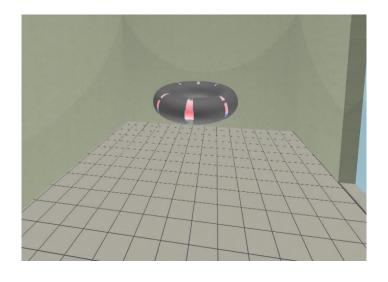
The technology to conquer: make a μSun on the Earth



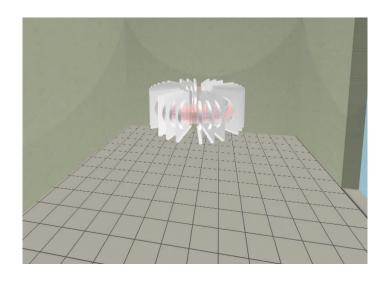
Magnetic confinement requires the toroidal geometry



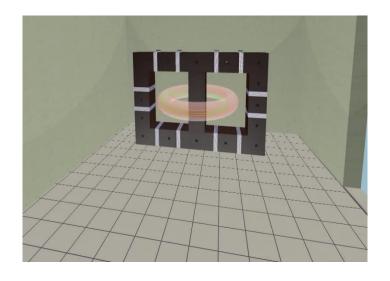
The thermonuclear reaction takes place in the chamber



Toroidal magnetic field coils secure the plasma confinement



Transformer secures the plasma creation and heating



The final technology alltogether

