

The tokamak GOLEM: a variety of fusion relevant educational activities

Abstract. Abstract ..

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PACS numbers: 01.40.-d, 28.52.-s, 52.55.Fa

Keywords: Tokamak, Fusion education

1. Introduction

The basic mission of the tokamak technology, see e.g.[?], is to provide a clean, safe and almost inexhaustible energy for future generations based on thermonuclear reaction similar to the processes undergoing in stars. In principal this approach have to heat fusion fuel, deuterium-tritium mixture, up to ≈ 100 millions degrees Celsius and confine these conditions in a reactor - magnetic bottle in a steady state regime for the whole life of such a future power plant concept. Such a technology is extremely complex in a variety of engineering disciplines and demands high level specialists, that will cope with sophisticated problems ranging from superconductivity, large volume vacuum, diagnostics

The key to the success to complete such a mission is with no doubt education...
Njak reere vzdľvacch experiment z oblasti vysokoteplotnho plazmatu ... Plazmalaby etc.